

FINAL DRAFT CAAPP PERMIT
Soyland Power Cooperative, Inc.
I.D. No.: 149817AAB
Application No.: 95080060
June 9, 2003

217/782-2113

TITLE V - CLEAN AIR ACT PERMIT PROGRAM (CAAPP) PERMIT
and
TITLE I PERMIT¹

PERMITTEE

Soyland Power Cooperative, Inc.
Attn: Randy Fisher, Supt. Illinois Generation
P.O. Box 10
Pearl, IL 62361

Application No.:	95080060	I.D. No.:	149817AAB
Applicant's Designation:		Date Received:	August 15, 1995
Operation of:	Electrical Power Generation		
Date Issued:	TO BE DETERMINED	Expiration Date ² :	DATE
Source Location:	Highway 100 South, Pearl, Pike, IL 62361		
Responsible Official:	Bob Harbour/VP - Generation & Operations		

This permit is hereby granted to the above-designated Permittee to operate an electrical power generation station, pursuant to the above referenced permit application. This permit is subject to the conditions contained herein.

If you have any questions concerning this permit, please contact Ross Cooper at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:RWC:JRC:

cc: Illinois EPA, FOS, Region 2
USEPA

¹This permit may contain terms and conditions which address the applicability, and compliance if determined applicable, of Title I of the CAA and regulations promulgated thereunder, including 40 CFR 52.21 - federal PSD and 35 IAC Part 203 - Major Stationary Sources Construction and Modification. Any such terms and conditions are identified within this permit.

²Except as provided in Condition 8.7 of this permit.

TABLE OF CONTENTS

	<u>PAGE</u>
1.0 SOURCE IDENTIFICATION	#
1.1 Source	
1.2 Owner/Parent Company	
1.3 Operator	
1.4 General Source Description	
2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT	#
3.0 INSIGNIFICANT ACTIVITIES	#
3.1 Identification of Insignificant Activities	
3.2 Compliance with Applicable Requirements	
3.3 Addition of Insignificant Activities	
4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE	#
5.0 OVERALL SOURCE CONDITIONS	#
5.1 Source Description	
5.2 Applicable Regulations	
5.3 Non-Applicability of Regulations of Concern	
5.4 Source-Wide Operational and Production Limits and Work Practices	
5.5 Source-Wide Emission Limitations	
5.6 General Recordkeeping Requirements	
5.7 General Reporting Requirements	
5.8 General Operational Flexibility/Anticipated Operating Scenarios	
5.9 General Compliance Procedures	
6.0 NOT APPLICABLE TO THIS PERMIT	#
7.0 UNIT SPECIFIC CONDITIONS	#
7.1 Coal Fired Boiler	
7.2 Coal Handling Equipment	
7.3 Coal Processing Equipment	
7.4 Fly Ash Equipment	
7.5 Limestone Handling Equipment	
7.6 Turbine	
8.0 GENERAL PERMIT CONDITIONS	#
8.1 Permit Shield	
8.2 Applicability of Title IV Requirements	
8.3 Emissions Trading Programs	
8.4 Operational Flexibility/Anticipated Operating Scenarios	
8.5 Testing Procedures	
8.6 Reporting Requirements	
8.7 Obligation to Comply with Title I Requirements	
9.0 STANDARD PERMIT CONDITIONS	#

- 9.1 Effect of Permit
- 9.2 General Obligations of Permittee
- 9.3 Obligation to Allow Illinois EPA Surveillance
- 9.4 Obligation to Comply with Other Requirements
- 9.5 Liability
- 9.6 Recordkeeping
- 9.7 Annual Emissions Report
- 9.8 Requirements for Compliance Certification
- 9.9 Certification
- 9.10 Defense to Enforcement Actions
- 9.11 Permanent Shutdown
- 9.12 Reopening And Reissuing Permit For Cause
- 9.13 Severability Clause
- 9.14 Permit Expiration and Renewal

10.0 ATTACHMENTS

- | | | |
|------|--|-----|
| 10.1 | Attachment 1 - Emissions of Particulate Matter from New
Process Emission Units | 1-1 |
| 10.2 | Attachment 2 - Emissions of Particulate Matter from
Existing Process Emission Units | 2-1 |
| 10.3 | Attachment 3 - Example Certification by a Responsible
Official | 3-1 |
| 10.4 | Attachment 4 - Guidance | 4-1 |

1.0 SOURCE IDENTIFICATION

1.1 Source

Pearl Station
Highway 100
Pearl, IL 62361
217/829-4291

I.D. No.: 149817AAB
Acid Rain Permit ORIS Code No.: N/A

Standard Industrial Classification: 4911, Electrical Services

1.2 Owner/Parent Company

Soyland Power Cooperative, Inc.
212 Locust Street, P.O. Box 1266
Harrisburg, Pennsylvania 17108-1266

1.3 Operator

Soyland Power Cooperative, Inc.
P.O. Box 10
Pearl, Il. 62361

Randy Fisher/Environmental Contact
217/829-4291

1.4 General Source Description

Pearl station is located at Highway 100 in Pearl. The source operates one coal fired boiler and one peaking turbine.

2.0 LIST OF ABBREVIATIONS/ACRONYMS USED IN THIS PERMIT

ACMA	Alternative Compliance Market Account
Act	Illinois Environmental Protection Act [415 ILCS 5/1 et seq.]
AP-42	Compilation of Air Pollutant Emission Factors, Volume 1, Stationary Point and Other Sources (and Supplements A through F), USEPA, Office of Air Quality Planning and Standards, Research Triangle Park, NC 27711
ATU	Allotment Trading Unit
BAT	Best Available Technology
Btu	British thermal unit
CAA	Clean Air Act [42 U.S.C. Section 7401 et seq.]
CAAPP	Clean Air Act Permit Program
CAM	Compliance Assurance Monitoring
CFR	Code of Federal Regulations
EGU	electrical generating unit(s)
ERMS	Emissions Reduction Market System (35 IAC Part 205)
HAP	Hazardous Air Pollutant
Hr	Hour
IAC	Illinois Administrative Code
I.D. No.	Identification Number of Source, assigned by Illinois EPA
ILCS	Illinois Compiled Statutes
Illinois EPA	Illinois Environmental Protection Agency
Kw	Kilowatts
LAER	Lowest Achievable Emission Rate
Lb	Pound
MACT	Maximum Achievable Control Technology
MmBtu	Million British thermal units
Mg	megagram or metric ton
MW	Megawatts
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards
NSSA	new source set-aside
ORIS	Office of Regulatory Information System
PM	Particulate Matter
PM ₁₀	Particulate matter with an aerodynamic diameter less than or equal to a nominal 10 microns as measured by applicable test or monitoring methods
Ppm	parts per million
PSD	Prevention of Significant Deterioration (40 CFR 52.21)
RMP	Risk Management Plan
SO ₂	Sulfur Dioxide
T	ton (2000 pounds)
T1	Title I - identifies Title I conditions that have been carried over from an existing permit
T1N	Title I New - identifies Title I conditions that are being established in this permit
T1R	Title I Revised - identifies Title I conditions that have been carried over from an existing permit and subsequently revised in this permit
USEPA	United States Environmental Protection Agency
VOM	Volatile Organic Material

3.0 INSIGNIFICANT ACTIVITIES

3.1 Identification of Insignificant Activities

The following activities at the source constitute insignificant activities as specified in 35 IAC 201.210:

- 3.1.1 Activities determined by the Illinois EPA to be insignificant activities, pursuant to 35 IAC 201.210(a)(1) and 201.211, as follows:

None

- 3.1.2 Activities that are insignificant activities based upon maximum emissions, pursuant to 35 IAC 201.210(a)(2) or (a)(3), as follows:

None

- 3.1.3 Activities that are insignificant activities based upon their type or character, pursuant to 35 IAC 201.210(a)(4) through (18), as follows:

Direct combustion units designed and used for comfort heating purposes and fuel combustion emission units as follows: (A) Units with a rated heat input capacity of less than 2.5 mmBtu/hr that fire only natural gas, propane, or liquefied petroleum gas; (B) Units with a rated heat input capacity of less than 1.0 mmBtu/hr that fire only oil or oil in combination with only natural gas, propane, or liquefied petroleum gas; and (C) Units with a rated heat input capacity of less than 200,000 Btu/hr which never burn refuse, or treated or chemically contaminated wood [35 IAC 201.210(a)(4)].

Storage tanks of any size containing virgin or re-refined distillate oil, hydrocarbon condensate from natural gas pipeline or storage systems, lubricating oil, or residual fuel oils [35 IAC 201.210(a)(11)].

Gas turbines and stationary reciprocating internal combustion engines of less than 112 kW (150 horsepower) power output [35 IAC 201.210(a)(15)].

- 3.1.4 Activities that are considered insignificant activities pursuant to 35 IAC 201.210(b).

3.2 Compliance with Applicable Requirements

Insignificant activities are subject to applicable requirements notwithstanding status as insignificant activities. In particular, in addition to regulations of general applicability, such as 35 IAC 212.301 and 212.123 (Condition 5.2.2), the Permittee shall comply with the following requirements, as applicable:

- 3.2.1 For each cold cleaning degreaser, the Permittee shall comply with the applicable equipment and operating requirements of 35 IAC 215.182.
 - 3.2.2 For each particulate matter process emission unit, the Permittee shall comply with the applicable particulate matter emission limit of 35 IAC 212.321 or 212.322. For example, the particulate matter emissions from a process emission unit shall not exceed 0.55 pounds per hour if the emission unit's process weight rate is 100 pounds per hour or less, pursuant to 35 IAC 266.110.
 - 3.2.3 For each organic material emission unit that uses organic material, e.g., a mixer or printing line, the Permittee shall comply with the applicable VOM emission limit of 35 IAC 215.301, which requires that organic material emissions not exceed 8.0 pounds per hour or do not qualify as photochemically reactive material as defined in 35 IAC 211.4690.
- 3.3 Addition of Insignificant Activities
- 3.3.1 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type that is identified in Condition 3.1, until the renewal application for this permit is submitted, pursuant to 35 IAC 201.212(a).
 - 3.3.2 The Permittee must notify the Illinois EPA of any proposed addition of a new insignificant activity of a type addressed by 35 IAC 201.210(a) and 201.211 other than those identified in Condition 3.1, pursuant to Section 39.5(12)(b) of the Act.
 - 3.3.3 The Permittee is not required to notify the Illinois EPA of additional insignificant activities present at the source of a type identified in 35 IAC 201.210(b).

4.0 SIGNIFICANT EMISSION UNITS AT THIS SOURCE

Emission Unit	Description	Emission Control Equipment
B1	Foster Wheeler(1967) Nominal 278.2 mmBtu/hr	Wet Scrubber, Multiclone
Coal Handling Equipment	Coal Receiving Operations, Coal Crushing House, Coal Storage Operations	Enclosure, Covers, and Dust Suppressant Application System
Crusher House	Coal Crushing Operation	Enclosures and Covers
Coal Mill A	Coal Crushing Operation	Enclosures and Covers
Coal Mill B	Coal Crushing Operation	Enclosures and Covers
Fly Ash Equipment	Conveyors, Hoppers, Silos, and Loading Operations	Dust Collection Devices, Enclosures and Covers
Limestone Handling Equipment	Conveyors, Silos, and Unloading Operations	Dust Collection Devices, Enclosures and Covers
CT-1	273 mmBtu/hr Distillate Fuel Oil Fired Turbine	None

5.0 OVERALL SOURCE CONDITIONS

5.1 Source Description

- 5.1.1 This permit is issued based on the source requiring a CAAPP permit as a major source of SO_x, CO, NO_x, and VOM, HAP emissions.

5.2 Applicable Regulations

- 5.2.1 Specific emission units at this source are subject to particular regulations as set forth in Section 7 (Unit-Specific Conditions) of this permit.
- 5.2.2 In addition, emission units at this source are subject to the following regulations of general applicability:
 - a. No person shall cause or allow the emission of fugitive particulate matter from any process, including any material handling or storage activity, that is visible by an observer looking generally overhead at a point beyond the property line of the source unless the wind speed is greater than 40.2 kilometers per hour (25 miles per hour), pursuant to 35 IAC 212.301 and 212.314.

Compliance with this requirement shall be based on the procedures in Section 7 (Unit Specific Conditions) of this permit.

- b. No person shall cause or allow the emission of smoke or other particulate matter, with an opacity greater than 30 percent, into the atmosphere from any emission unit other than those emission units subject to the requirements of 35 IAC 212.122, pursuant to 35 IAC 212.123(a), except as allowed by 35 IAC 212.123(b) and 212.124.

5.2.3 Ozone Depleting Substances

The Permittee shall comply with the standards for recycling and emissions reduction of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an

approved technician certification program pursuant to 40 CFR 82.161.

5.2.4 Risk Management Plan

Should this stationary source pursuant to 40 CFR 68.215(a)(2)(i) and (ii), as defined in 40 CFR 68.3, become subject to the federal rules for Chemical Accident Prevention in 40 CFR Part 68, then the owner or operator shall submit:

- a. A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR 68.10(a); or
- b. A certification statement that the source is in compliance with all applicable requirements of 40 CFR Part 68, including the registration and submission of the RMP, as part of the annual compliance certification required by Condition 9.8.

- 5.2.5 a. Should this source become subject to a regulation under 40 CFR Parts 60, 61, or 63, or 35 IAC Subtitle B after the date issued of this permit, then the owner or operator shall, in accordance with the applicable regulation(s), comply with the applicable requirements by the date(s) specified and shall certify compliance with the applicable requirements of such regulation(s) as part of the annual compliance certification, as required by Condition 9.8.
- b. No later than upon the submittal for renewal of this permit, the owner or operator shall submit, as part of an application, the necessary information to address either the non-applicability of, or demonstrate compliance with all applicable regulation under 40 CFR Parts 60, 61, or 63, or 35 IAC Subtitle B that was promulgated after the date issued of this permit.

5.2.6 Episode Action Plan

- a. The Permittee shall maintain at the source and have on file with the Illinois EPA a written episode action plan (plan) for reducing the levels of emissions during yellow alerts, red alerts, and emergencies, consistent with safe operating procedures. The plan shall contain the information specified in 35 IAC 244.144.
- b. The Permittee shall immediately implement the appropriate steps described in this plan should an air pollution alert or emergency be declared.
- c. If a change occurs at the source that requires a revision of the plan (e.g., operational change, change in the source contact person), a copy of the revised plan shall be submitted to the Illinois EPA for review

within 30 days of the change. Such plans shall be further revised if disapproved by the Illinois EPA.

- d. For sources required to have a plan pursuant to 35 IAC 244.142, a copy of the original plan and any subsequent revisions shall be sent to:

- i. Illinois EPA, Compliance Section.

5.2.7 CAM Plan

This stationary source has a pollutant-specific emissions unit that is subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources. The source must submit a CAM plan for each affected pollutant-specific emissions unit upon application for renewal of the initial CAAPP permit, or upon a significant modification to the CAAPP permit for the construction or modification of a large pollutant-specific emissions unit which has the potential post-control device emissions of the applicable regulated air pollutant that equals or exceeds major source threshold levels.

5.3 Non-Applicability of Regulations of Concern

None

5.4 Source-Wide Operational and Production Limits and Work Practices

In addition to the source-wide requirements in the Standard Permit Conditions in Section 9, the Permittee shall fulfill the following source-wide operational and production limitations and/or work practice requirements:

None

5.5 Source-Wide Emission Limitations

5.5.1 Permitted Emissions for Fees

Emission limitations are not set for this source for the purpose of permit fees. The Permittee shall be required to pay the maximum fee of \$250,000.00 per year, pursuant to Section 39.5(18) (a) (ii) (A) of the Act.

5.5.2 Emissions of Hazardous Air Pollutants (HAPs)

Source-wide emission limitations for HAPs as listed in Section 112(b) of the CAA are not set. This source is considered to be a major source of HAPs.

5.5.3 Other Source-Wide Emission Limitations

Other source-wide emission limitations are not set for this source pursuant to either the federal rules for Prevention of Significant Deterioration (PSD), 40 CFR 52.21, state rules for Major Stationary Sources

Construction and Modification, 35 IAC Part 203, or Section 502(b)(10) of the CAA. However, there may be unit specific emission limitations set forth in Section 7 of this permit pursuant to these rules.

5.6 General Recordkeeping Requirements

5.6.1 Emission Records

The Permittee shall maintain records of the following items for the source to demonstrate compliance with Condition 5.5.1, pursuant to Section 39.5(7)(b) of the Act:

Total annual emissions on a calendar year basis for the emission units covered by Section 7 (Unit Specific Conditions) of this permit.

5.6.2 Records for HAP Emissions

- a. Emissions of Hydrochloric Acid (HCl) and Hydrogen Fluoride (HF), ton/mo and ton/yr.

5.6.3 Records for Operating Scenarios

N/A

5.6.4 Retention and Availability of Records

- a. All records and logs required by this permit shall be retained for at least five years from the date of entry (unless a longer retention period is specified by the particular recordkeeping provision herein), shall be kept at a location at the source that is readily accessible to the Illinois EPA or USEPA, and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request.
- b. The Permittee shall retrieve and print, on paper during normal source office hours, any records retained in an electronic format (e.g., computer) in response to an Illinois EPA or USEPA request for records during the course of a source inspection.

5.7 General Reporting Requirements

5.7.1 General Source-Wide Reporting Requirements

The Permittee shall promptly notify the Illinois EPA, Compliance Section of deviations of the source with the permit requirements as follows, pursuant to Section 39.5(7)(f)(ii) of the Act. Reports shall describe the probable cause of such deviations, and any corrective actions or preventive measures taken.

5.7.2 Annual Emissions Report

The annual emissions report required pursuant to Condition 9.7 shall contain emissions information for the previous calendar year.

5.7.3 Annual Reporting of HAP Emissions

The Permittee shall submit an annual report to the Illinois EPA on HAP emissions (Hydrochloric Acid (HCl) and Hydrogen Fluoride (HF)) from the source. This report shall be submitted with the Annual Emissions Report (Condition 9.7).

- a. The annual emissions of Hydrochloric Acid (HCl) and Hydrogen Fluoride (HF) for each month of the previous calendar year, tons/year (e.g., for the month of January, the emissions from February of the preceding calendar year through January; for the month of February, the emissions from March of the preceding calendar year through February; 12 months in all).

5.8 General Operational Flexibility/Anticipated Operating Scenarios

N/A

5.9 General Compliance Procedures

5.9.1 General Procedures for Calculating Emissions

Compliance with the source-wide emission limits specified in Condition 5.5 shall be based on the recordkeeping and reporting requirements of Conditions 5.6 and 5.7, and Compliance Procedures in Section 7 (Unit Specific Conditions) of this permit.

6.0 NOT APPLICABLE TO THIS PERMIT

7.0 UNIT SPECIFIC CONDITIONS

7.1 Coal Fired Boiler

7.1.1 Description

The Permittee operates a coal-fired boiler for electric generation. The boiler, which was built in 1976, has a nominal capacity of 278.2 mmBtu/hour and is served by a single stack. This boiler also has the capability to fire at various modes such as combination of coal, and fuel oil as their principle fuel. In addition to coal, this boiler fire natural gas or fuel oil during startup and for flame stabilization. Particulate matter (PM) emissions from the boiler are controlled by multiclone and wet scrubber.

7.1.2 List of Emission Units and Air Pollution Control Equipment

These unit-specific conditions address the following emission units:

Boiler ID	Description	Emission Control Equipment
B1	Foster Wheeler(1967) Nominal 278.2 mmBtu/hr	Wet Scrubber, Multiclone

7.1.3 Applicability Provisions

- a. An "affected boiler" for the purpose of these unit-specific conditions, is an individual boiler that has a capacity in excess of 250 mmBtu/hr that has the capability of firing coal, as well as other fuel materials, for which construction commenced prior to August 17, 1971, as described in Conditions 7.1.1 and 7.1.2.

b. Startup Provisions

The Permittee is authorized to operate an affected boiler in violation of the applicable standards in Condition 5.2.2(b) (35 IAC 212.123), Condition 7.1.4(b) (35 IAC 212.202), Condition 7.1.4(c) (35 IAC 214.14, and Condition 7.1.4(d) (35 IAC 216.121), during startup subject to the following provisions. This authorization is provided pursuant to 35 IAC 201.262, as the Permittee "... has affirmatively demonstrated that all reasonable efforts have been made to minimize startup emissions, duration of individual startups and frequency of startups.":

- i. This authorization only extends for a period of up to 24 hours following initial firing of fuel for each startup event.
- ii. The Permittee shall conduct startup of an affected boiler in accordance with the manufacturers' written instructions or other

written instructions maintained on site that are specifically developed to minimize excess emissions from startups and that include, at a minimum, the following measures:

- A. Review of the operational condition of an affected boiler prior to initiating startup of the boiler.
 - B. Use of oil burners as needed to heat the boiler prior to initiating burning of coal.
 - C. Review of the operating parameters of an affected boiler during each startup as necessary to make appropriate adjustments to the startup to reduce or eliminate excess emissions.
 - D. Appropriate inspection of ash hopper system to ensure the proper operation of the mulitclones to minimize excess emissions without damage or risk to personnel or equipment.
- iii. The Permittee shall fulfill applicable recordkeeping requirements of Condition 7.1.9(c).
- c. Malfunction and Breakdown Provisions

The Permittee is authorized to continue operation of an affected boiler in violation of the applicable requirements of Condition 5.2.2(b) (35 IAC 212.123), Condition 7.1.4(b) (35 IAC 212.202), Condition 7.1.4(c) (35 IAC 214.143), and Condition 7.1.4(d) (35 IAC 216.121), in the event of a malfunction or breakdown of an affected boiler, including the coal pulverizer, the ash removal system, or the electrostatic precipitator (including flue gas conditioning) subject to the following provisions. This authorization is provided pursuant to 35 IAC 201.262 as the Permittee has submitted "... proof that continued operation is required to provide essential service, prevent risk of injury to personnel or severe damage to equipment.":

- i. This authorization only allows such continued operation as necessary to provide essential service or prevent risk of injury to personnel or severe damage to equipment and does not extend to continued operation solely for the economic benefit of the Permittee.
- ii. Upon occurrence of excess emissions due to malfunction or breakdown, the Permittee shall as soon as practicable reduce boiler load, repair

the affected boiler, or remove the affected boiler from service so that excess emissions cease. Unless the Permittee obtains an extension from the Illinois EPA, this shall be accomplished within 24 hours* or noon of the Illinois EPA's next business day*, whichever is later. The Permittee may obtain an extension for up to a total of 72 hours* from the Illinois EPA, Air Regional Office unless extraordinary circumstances exist. The Illinois EPA, Air Compliance Section, in Springfield, may grant a longer extension if the Permittee demonstrates that unusual circumstances exist, the affected boiler can not reasonably be repaired or removed from service within the allowed time, it will repair the affected boiler or remove the boiler from service as soon as practicable; and it is taking reasonable steps to minimize excess emissions, based on the actions that have been and will be taken.

* For this purpose and other related provisions, time shall be measured from the start of a particular incident. The absence of excess emissions for a short period shall not be considered to end the incident if excess emissions resume. In such circumstances, the incident shall be considered to continue until corrective actions are taken so that excess emissions cease or the Permittee takes the boiler out of service.

- iii. The Permittee shall fulfill applicable recordkeeping and reporting requirements of Condition 7.1.9(d) and 7.1.10(b).
- iv. Following notification to the Illinois EPA of a malfunction or breakdown with excess emissions, the Permittee shall comply with all reasonable directives of the Illinois EPA with respect to such incident, pursuant to 35 IAC 201.263.

7.1.4 Applicable Emission Standards

- a. The affected boiler shall comply with the standard in Condition 5.2.2(b) [35 IAC 212.123], which addresses the opacity of the emission of smoke or other particulate matter from the affected boiler.
- b. The emissions of PM from the affected boiler shall not exceed 0.10 lb/mmBtu of actual heat input, pursuant to 35 IAC 212.202.
- c. The total emission of SO₂ from the affected boiler shall not exceed 9,157 lb/hour, pursuant to 35 IAC 214.143, 214.182, and 214.184. These are the SO₂

emissions allowed by the following formula in 35 IAC 214.184, as selected by the Permittee:

$$E = 0.2222 H^2$$

$$H = P_1 H_1 + P_2 H_2 + \dots + P_n H_n$$

Where:

E = Total emissions of SO₂, in pounds per hour, from all fuel combustion emission units owned or operated by such person and located within 1 mile from the center point of any such unit.

P_i = Percentage of total emissions E emitted from emission unit i divided by 100. (Note: P₁ + P₂ + ... + P_n = 1)

H_i = Height in feet above grade of stack i. (Note: The height used may not exceed the good engineering practice [GEP] height for such stack. The actual height of the stacks for the affected boiler is 203 ft, but the GEP height is 213 ft.)

- d. The affected boiler is subject to 35 IAC 216.121 which provides that no person shall cause or allow the emission of CO into the atmosphere from any fuel combustion emission source with actual heat input greater than 2.9 MW (10 mmBtu/hr) to exceed 200 ppm, corrected to 50 percent excess air.

7.1.5 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected boiler not being subject to the following New Source Performance Standards (NSPS) for steam generators because the affected boiler commenced construction before August 17, 1971 and have not been modified thereafter, based on the NSPS definition of modification:
 - i. NSPS for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971, 40 CFR 60 Subpart D.
 - ii. NSPS for Electric Utility Steam Generating Units for Which Construction is Commenced After September 18, 1978, 40 CFR 60 Subpart Da.
- b. This permit is issued based on the affected boiler not being subject to the following Illinois rules for new fuel combustion emission units, because each affected boiler was constructed prior to April 14, 1972 and have not been modified thereafter:
 - i. 35 IAC 212.122, Visible Emissions Limitations for Certain Emission Units for Which

Construction or Modification Commenced on or After April 14, 1972.

- ii. 35 IAC 212.204, Emission Units For Which Construction or Modification Commenced On or After April 14, 1972.
 - iii. 35 IAC 214.121, Large New Fuel Combustion Emission Sources.
 - iv. 35 IAC 217.121, New Fuel Combustion Emission Sources.
- c. i. The Permittee is shielded from the following rules for the affected boiler when the boiler is using solid fuel (coal) as its principle fuel:
- A. 35 IAC 214.162, because the affected boiler is subject to 35 IAC 214.184 (Condition 7.1.4(c)). Compliance with 35 IAC 214.162 is inherent as a practical matter from compliance with Condition 7.1.4(c).
 - ii. If an affected boiler is not using solid fuel (coal) as its principle fuel, the affected boiler shall comply with the requirements of the following conditions. During such periods, Condition 7.1.5(c) (ii) (A), below for PM, shall substitute for Condition 7.1.4() and Condition 7.1.5(c) (ii) (B), below for SO₂, shall supplement Condition 7.1.4():
 - A. The emissions of PM from the affected boiler in any one hour period shall not exceed the amount, in lb/hr, allowed by the formula in 35 IAC 212.207.
 - B. The emissions of SO₂ from the affected boiler in any one hour period shall not exceed the amount, in lb/hr, allowed by the formula in 35 IAC 214.162.
 - iii. For the purpose of the above conditions, an affected boiler shall be considered to be using solid fuel (coal) as its principal fuel if natural gas and/or fuel oil are only used in incidental amounts for specific purposes, such as startup, opacity reduction emission mitigation, flame stabilization, outage of a coal pulverizer, or other temporary interruption in solid fuel supply, as associated with routine firing of solid fuel. A boiler shall not be considered to be using solid fuel as its principal fuel if natural gas and/or fuel oil are used in more than incidental amounts or solid fuel (coal) is used in incidental amounts.

- iv. The Permittee shall notify the Illinois EPA if the status of an affected boiler changes to or from using solid fuel (coal) as its principal fuel. This notification shall be provided at least 7 days in advance of such change in status unless the change results from a sudden event that precludes such advance notification, in which case notification shall be provided as soon as practicable prior to the change.
- d. The affected boiler is not subject to the requirements of the NO_x Compliance Programs of 35 IAC Part 217 because the affected boiler has a nameplate capacity of less than 25 MWe.
- e. This permit is issued based on the affected boiler not being subject to the requirements of the Acid Rain Program because the affected boiler commenced commercial operation before November 15, 1990 and that did not, as of November 15, 1990, and does not currently, serve a generator with a nameplate capacity of greater than 25 MWe, pursuant to 40 CFR 72.6(b)(2).

7.1.6 Work Practices, Operational and Production Limits, and Emission Limitations

None

7.1.7 Testing Requirements

Pursuant to Section 39.5(7)(d)(ii) of the Act, the Permittee shall measure the PM, SO₂, and CO emissions of the affected boiler as specified below:

- a. i. PM emission measurements shall be made under the following circumstances:
 - A. Prior to April 1, 2007.
 - B. Within 90 days of operating an affected boiler for more than 24 hours total in a calendar quarter at a load* that is more than 2 percent higher than the greatest load on the boiler, during the most recent set of PM tests on the affected boiler in which compliance is shown (refer to Condition 7.1.7(e)(iii)(D)). Notwithstanding, the Illinois EPA may upon request of the Permittee provide more time for testing (if such time is reasonably needed to schedule and perform testing or coordinate testing with seasonal conditions) or waive this requirement (if other information, e.g., the margin of

compliance shown by previous testing, indicates compliance at such higher load).

* For this purpose, load shall be expressed in terms of either gross megawatt output or steam flow, consistent with the form of the records kept by the Permittee pursuant to Condition 7.1.9(a).

ii. Measurements of SO₂ emissions shall be made as follows:

A. In conjunction with the initial measurements of PM emissions as required above, if not otherwise performed earlier in conjunction with emission testing.

B. In conjunction with the subsequent measurements of PM emissions or the previous SO₂ measurement is no more than half the SO₂ emission limitation of Condition 7.1.4(c), in which case SO₂ measurements need not accompany the next PM measurements following the measurement in which SO₂ emissions were shown to be no more half than the SO₂ emission limitation of Condition 7.1.4(c).

iii. Measurements of CO emissions shall be made as follows:

A. In conjunction with the initial measurements of PM emissions as required above, if not otherwise performed earlier in conjunction with emission testing.

B. In conjunction with the subsequent measurements of PM emissions or the previous CO measurement is no more than 100 ppm at 50 percent excess air, in which case CO measurements need not accompany the next PM measurements following the measurement in which CO emissions were shown to be no more than 100 ppm.

iv. Measurements of PM, SO₂, and CO emissions shall be made within 90 days (or such later date set by the Illinois EPA) following a reasonable request by the Illinois EPA for such measurements.

b. i. These measurements shall be performed at the maximum operating loads of the affected boiler and other operating conditions that are representative of normal operation. In addition, the Permittee may perform measurements

at other operating conditions to evaluate variation in emissions.

- ii. Measurements shall be taken at an appropriate location in the ductwork or stack associated with the affected boiler.
- iii. The following test methods and procedures shall be used for these measurements. Refer to 40 CFR 60, Appendix A for USEPA Methods.

Location of Sample Points	USEPA Method 1
Gas Flow and Velocity	USEPA Method 2
Flue Gas Weight	USEPA Method 3
Moisture	USEPA Method 4
Particulate Matter (PM)	USEPA Method 5
Sulfur Dioxide (SO ₂)	USEPA Method 6
Carbon Monoxide (CO)	USEPA Method 10

Other test methods adopted by USEPA may be used in place of the above methods with the approval of the Illinois EPA

- c. Except for minor deviations in test methods, as defined by 35 IAC 283.130, emission testing shall be conducted in accordance with a test plan prepared by the Permittee and submitted to the Illinois EPA for review prior to emission testing, and the conditions, if any, imposed by the Illinois EPA as part of its review and approval of the test plan, pursuant to 35 IAC 283.230.
 - i. The Permittee shall submit this test plan at least 60 days prior to the actual date of testing and the test plan shall include the information specified by Condition 8.6.2.
 - ii. Notwithstanding the above, as provided by 35 IAC 283.220(d), the Permittee need not submit a test plan for emission testing that will be conducted in accordance with the procedures used for previous tests accepted by the Illinois EPA or the previous test plan submitted to and approved by the Illinois EPA, provided that the Permittee's notification for testing, as required below, contains the information specified by 35 IAC 283.220(d)(1)(A), (B) and (C).
- d. The Permittee shall notify the Illinois EPA prior to conducting emission tests to enable the Illinois EPA to observe testing. Notification for the expected test date shall be submitted a minimum of 30 days prior to the expected date of testing. Notification of the actual date and expected time of testing shall be submitted a minimum of 5 working days prior to the actual test date. The Illinois EPA may on a case-by case basis accept shorter advance notice if it would

not interfere with the Illinois EPA's ability to observe testing.

- e. The Permittee shall submit the Final Report(s) for any required emission testing to the Illinois EPA within 45 days after the tests results are compiled and finalized but no later than 120 days after the date of testing. The Final Report shall include the information specified in Condition 8.6.3 and the following information:
 - i. Description of test method(s), including description of sampling points, sampling train, analysis equipment, and test schedule.
 - ii. A description of any minor deviations from the test plan, as provided by 35 IAC 283.230(a).
 - iii. Detailed description of operating conditions during testing, including:
 - A. Source(s) of fuel and specifications (ash, sulfur and heat content).
 - B. Boiler information, i.e., firing rate of the affected boiler(s) (mmBtu/hr), composition of fuel as burned (ash, sulfur and heat content), and fuel blending ratio (%), if a blend of fuels is burned.
 - C. Control equipment information, i.e., equipment condition and operating parameters during testing.
 - D. Load during testing (gross megawatt output and steam flow).
 - iv. Data and calculations, including copies of all raw data sheets and records of laboratory analyses, sample calculations, and data on equipment calibration.
 - v. The opacity data (6-minute averages) measured during testing.

7.1.8 Monitoring Requirements

- a. Alternative monitoring requirements of 35 IAC 201.402, the Permittee shall install, operate, calibrate and maintain continuous monitoring equipment for the measurement of water flow and pressure drop of the wet scrubber from the affected boiler which shall be used to demonstrate compliance with the limits in Conditions 7.1.4(a) and (b).

7.1.9 Recordkeeping Requirements

a. Records for Boiler Operation

Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain the following operating records for the affected boiler:

- i. Load (in terms of either gross megawatts output or steam flow) on an hourly basis for the affected boiler.
- ii. Records for each day when a fuel material other than coal, gas or oil was burned, including the estimated amount of each such material burned and the affected boiler(s) in which it was burned.
- iii. Total operating hours (hours/quarter) for the affected boiler.
- iv. Amount of coal consumed (tons/quarter).
- v. Amount of each other fuel material consumed (tons, gallons, cubic feet per quarter, as appropriate).

b. Records for Control Device(s)

Pursuant to Section 39.5(7) of the Act, the Permittee shall maintain the following records for the control devices(s) on each affected boiler:

- i. Wet Scrubber
 - A. Manufacture/vendor or site developed operating and maintenance procedures.
 - B. Operating and maintenance logs.
 - C. Daily water usage and pressure drop readings.
- ii. Multiclones
 - A. Manufacture/vendor or site developed operating and maintenance procedures.
 - B. Operating and maintenance logs.
 - C. Dates shall be recorded for the regular checking of the ash hoppers to ensure the proper operation of the multiclones.

c. Records for Startups

Pursuant to Section 39.5(7)(b) of the Act, the Permittee shall maintain records, related to startup

of the affected boiler that at a minimum shall include the following:

- i. Records of the source's established startup procedures for the affected boiler (as summarized in the CAAPP application).
- ii. Records for each startup of an affected boiler that may result in excess opacity or PM emissions, including:
 - A. Date and description of startup, e.g., startup following scheduled maintenance outage.
 - B. Duration of the startup, from initial firing of fuel to achievement of normal operation, i.e., stable operation firing the principal fuel with control equipment operating to enable compliance.
 - C. If normal operation is not achieved within 16 hours or if established startup procedures are not followed:
 - I. An explanation why startup could not be completed sooner or established procedures could not be followed.
 - II. Documentation for the established startup procedures that were followed.
 - III. The time at which solid fuel (coal) firing was begun.
 - IV. Estimates of magnitude of PM emitted in excess of the applicable PM standard during startup.
- d. Records for Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall maintain records, related to malfunction and breakdown for the affected boiler that as a minimum, shall include:

- i. A maintenance and repair log for each affected boiler and associated equipment, listing activities performed with date.
- ii. Records for each incident when operation of an affected boiler continued during malfunction or breakdown with excess emissions, as provided by Condition 7.1.3(c), including the following information:

- A. Date and duration of malfunction or breakdown.
- B. A description of the malfunction or breakdown.
- C. The corrective actions used to reduce the quantity of emissions and the duration of the incident.
- D. Confirmation of fulfillment of the requirements of Condition 7.1.10(b), as applicable, including copies of follow-up reports submitted pursuant to Condition 7.1.10(b)(ii).
- E. If excess emissions occurred for two or more hours:
 - I. An explanation why continued operation of the affected boiler was necessary.
 - II. The preventative measures planned or taken to prevent similar malfunctions or breakdowns or reduce their frequency and severity.
 - III. An estimate of the magnitude of excess emissions occurring during the incident.

7.1.10 Reporting Requirements

a. Quarterly Operating Report

In place of the semi-annual reports required by General Permit Condition 8.6.1, the Permittee shall provide a quarterly operating report to the Illinois EPA pursuant to Section 39.5(7)(b) of the Act.

- i. This report shall include the following information for operation during the quarter:
 - A. The total operating hours for the affected boiler.
 - B. The greatest load achieved by the affected boiler (steam flow or gross megawatts).
 - C. A discussion of significant changes in the fuel supply to the affected boiler, if any, including changes in the source of coal, the introduction of new fuel materials other than coal, gas and oil, and changes in the source of such other

fuel materials or the maximum rate at which they will be fired.

- D. The number of startups for the affected boiler.
 - E. A summary of the records required by Condition 7.1.9(d)(ii) for incidents when operation of an affected boiler continued during malfunction or breakdown with excess emissions that are not addressed by individual reports submitted pursuant to Condition 7.1.10(b)(ii). (See also notification and reporting requirements for individual incidents in Condition 7.1.10(b).)
 - F. The information related to water usage of the wet scrubber during the quarter.
 - G. A summary of other noncompliance.
- ii. This report shall be submitted promptly after the end of every calendar quarter as follows:

Monitoring Period	Submittal Deadline
January - March	May 15
April - June	August 15
July - September	November 15
October - December	February 15

b. Reporting of Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall provide the following notifications and reports to the Illinois EPA, Compliance Section and Regional Office, concerning incidents when operation of an affected boiler continued during malfunction or breakdown with excess emissions as addressed by Condition 7.1.3(c). These requirements do not apply to such excess emissions, if any, that occur during shutdown of the affected boiler.

- i. The Permittee shall notify the Illinois EPA's Regional Office, by telephone (voice, facsimile or electronic) as soon as possible during normal working hours for each incident in which the opacity from an affected boiler exceeds 30 percent for more than five consecutive 6-minute averaging periods unless the Permittee has begun the shutdown of the affected boiler by such time. (Otherwise, if opacity during a malfunction or breakdown incident only exceeds 30 percent for less than six 6-minute averaging periods in a row, the Permittee need only report

the incident in the quarterly report, in accordance with Condition 7.1.10(a)(i)(E).)

- ii. Upon conclusion of each incident that is two hours or more in duration, the Permittee shall submit a written follow-up notice to the Illinois EPA, Compliance Section and Regional Office, within 15 days providing a detailed explanation of the event, an explanation why continued operation of an affected boiler was necessary, the length of time during which operation continued under such conditions, the measures taken by the Permittee to minimize and correct deficiencies with chronology, and when the repairs were completed or when the affected boiler was taken out of service.

7.1.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected boiler without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to continue to comply with applicable requirements or to properly obtain a construction permit in a timely manner for any activity constituting a modification as defined by 40 CFR 52.21 or for an activity for which a permit is required pursuant to 35 IAC 201.142.

- a. Operation of additional air pollution control equipment, which is addressed by a separate construction permit.
- b. Firing of the following:
 - i. Coal or a mix of coal from different suppliers.
 - ii. Used oil, boiler cleaning residue, and other wastes generated at the source in conjunction with firing of coal. (Note: Other requirements may also apply to such materials as they constitute waste.).
 - iii. Alternative fuels, such as petroleum coke, that were not generated from hazardous waste or contain polyvinyl chloride (PVC) material, in conjunction with coal.
 - iv. Fuel quality non-hazardous waste generated off site or non-hazardous waste from a remediation project in which the Permittee is a responsible party, in conjunction with coal, provided that such wastes are shipped to the source in homogeneous form (e.g., a shipment of used tires or a shipment of feed corn, and provided that

such waste can be accommodated with the existing burners and grates in the boiler(s).

Note: Other requirements unrelated to air pollution control may apply to firing of wastes and waste material, including prior approval of the firing of such waste from the local government, pursuant to Section 39.2 of the Act, as the source would then be considered a pollution control facility.

7.1.12 Compliance Procedures

- a. Compliance with the opacity and PM emission limitations of Conditions 5.2.2(b), 7.1.4(a), and 7.1.4(b) is addressed by the alternative monitoring requirements of Condition 7.1.8(a) and the recordkeeping requirements of Conditions 7.1.9(a) and 7.1.9(b).
- b. Compliance with the SO₂ and CO emission limitation of Conditions 7.1.4(c) and 7.1.4(d) is addressed by emission testing in accordance with Condition 7.1.7. Further compliance procedures are not set by this permit as compliance is assumed to be inherent in operation of an affected boiler under operating conditions other than startup or shutdown.

7.2 Coal Handling Equipment

7.2.1 Description

The Permittee transfers and stores coal in a series of operations, including truck unloading, various conveyor belts (with associated hoppers, diverters, and transfer points), storage piles (with stackers and feeders), and bunkers. These operations first handle coal, as supplied by the mine and then, after the crushers, coal that has been processed at the source by the coal processing equipment (See Section 7.3). Particulate matter (PM) emissions associated with these operations are controlled by various measures including the moisture content of the coal, enclosures and covers, and dust collection devices.

7.2.2 List of Emission Units and Air Pollution Control Equipment

The following is a list of the coal handling operations and associated emission control systems at the source:

Coal Receiving Operations

Truck Unloading
Coal Transfer Conveyors
Dust Collection Devices, Enclosures and Covers

Coal Crushing House

Coal Transfer Conveyors
Enclosures and Covers

Coal Storage Operations

Outdoor Storage Piles
Coal Transfer Conveyors
Coal Storage Bunkers
Controls - None

7.2.3 Applicability Provisions

- a. The "affected operations" for the purpose of these unit-specific conditions, are the emission units that are used solely for the purpose of transferring coal or other solid fuel from one location to another or for storage of coal or other solid fuel, without changing the size of the fuel, e.g., by crushing or screening, as described in Conditions 7.2.1 and 7.2.2.
- b. The Permittee is authorized to continue operation of an affected operation in violation of the applicable requirement of Condition 5.2.2(b) (35 IAC 212.123) in the event of a malfunction or breakdown of an affected operation subject to the following provisions. This authorization is provided pursuant to 35 IAC 201.262 as the Permittee has submitted "... proof that continued operation is required to provide essential service,

prevent risk of injury to personnel or severe damage to equipment.”:

- i. This authorization only allows such continued operation as necessary to provide essential service, prevent risk of injury to personnel or severe damage to equipment and does not extend to continued operation solely for the economic benefit of the Permittee.
- ii. Upon occurrence of excess emissions due to malfunction or breakdown, the Permittee shall as soon as practicable repair the affected operation or remove the affected operation from service so that excess emissions cease. Unless the Permittee obtains an extension from the Illinois EPA, this shall be accomplished within 24 hours* or noon of the Illinois EPA's next business day*, whichever is later. The Permittee may obtain an extension for up to a total of 72 hours* from the Illinois EPA, Air Regional Office unless extraordinary circumstances exist. The Illinois EPA, Air Compliance Section, in Springfield, may grant a longer extension if the Permittee demonstrates that unusual circumstances exist, the affected operation can not reasonably be repaired or removed from service within the allowed time, the affected operation can not be repaired or removed from service as soon as practicable; and the Permittee is taking reasonable steps to minimize excess emissions, based on the actions that have been and will be taken.

* For this purpose and other related provisions, time shall be measured from the start of a particular incident. The absence of excess emissions for a short period shall not be considered to end the incident if excess emissions resume. In such circumstances, the incident shall be considered to continue until corrective actions are taken so that excess emissions cease or the Permittee takes the affected operation out of service.

- iii. The Permittee shall fulfill applicable recordkeeping and reporting requirements of Condition 7.2.9(g) and 7.2.10(b).
- iv. Following notification to the Illinois EPA of a malfunction or breakdown with excess emissions, the Permittee shall comply with all reasonable directives of the Illinois EPA with respect to such incident, pursuant to 35 IAC 201.263.

7.2.4 Applicable Emission Standards

- a. The affected operations shall comply with the standard in Condition 5.2.2(a), which addresses visible emissions of fugitive particulate matter, as defined by 35 IAC 211.2490, from the affected operations, pursuant to 35 IAC 212.301.
- b. The affected operations shall comply with the standard in Condition 5.2.2(b), which addresses the opacity of the emission of smoke or other particulate matter from the affected operations, pursuant to 35 IAC 212.123.

7.2.5 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected operations not being subject to the New Source Performance Standards (NSPS) for Coal Preparation Plants, 40 CFR Part 60, Subparts A and Y, because the affected operations commenced construction or modification before October 24, 1974.
- b. The affected operations are not subject to 35 IAC 212.321 or 212.322 because of the disperse nature of the operations, as generally addressed by 35 IAC 212.323.
- c. This permit is issued based on the affected operations not being subject to the requirements of 40 CFR Part 64, Compliance Assurance Monitoring (CAM), because the individual affected operations do not meet the criteria of 40 CFR 64.2(a), i.e., the potential pre-control device emissions of particulate matter from each affected operation do not equal or exceed major source threshold levels.

7.2.6 Work Practices, Operational and Production Limits, and Emission Limitations

- a. i. The Permittee shall implement and maintain control measures for the affected operations, such as enclosure, natural surface moisture, application of dust suppressant, and use of dust collection devices, that minimize visible emissions of particulate matter and provide a reasonable assurance of compliance with the applicable emission standards in Conditions 7.2.4 pursuant to Section 39.5(7) (a) of the Act.
- ii. The Permittee shall operate and maintain each affected operation with the control measures identified in Condition 7.2.9(b).

7.2.7 Testing Requirements

None

7.2.8 Inspection Requirements

The Permittee shall perform inspections of the affected operations on at least a monthly basis, including associated control measures, while the affected operations are in use, to confirm compliance with the requirements of Condition 7.2.6(a). These inspections may be scheduled so that only a number of affected operations are reviewed during each inspection, provided however, that all affected operations shall be inspected at least once during each calendar quarter, pursuant to Section 39.5(7)(a) of the Act.

7.2.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected operations, pursuant to Section 39.5(7)(b) of the Act:

- a. The Permittee shall keep a record, which shall be kept up to date, of the maximum operating capacity of each affected operation.
- b. The Permittee shall maintain a record, which shall be kept up to date, of the control measures of the affected operations currently being implemented pursuant to Condition 7.2.6(a). These control measures are referred to as the "established control measures" in this subsection of this permit.
- c. The Permittee shall maintain a record of the amount of coal and other solid fuels received at the source, by type of fuel (tons/month and tons/year).
- d. The Permittee shall maintain records of the following for the inspections required by Condition 7.2.8:
 - i. Date and time the inspection was performed and name(s) of inspection personnel.
 - ii. Area or specific operations inspected.
 - iii. The observed condition of the established control measures for the inspected area or operations.
 - iv. A description of any maintenance or repair associated with established control measures that is recommended as a result of the inspection and a review of outstanding recommendations for maintenance or repair from previous inspection(s), i.e., whether recommended action has been taken, is yet to be performed or no longer appears to be required.
 - v. A summary of compliance compared to the established control measures.

- e. The Permittee shall maintain records of the following for each incident when any affected operation operated without the established control measures:
 - i. The date of the incident and identification of the affected operations that were involved.
 - ii. A description of the incident, including the established control measures that were not present or implemented; the established control measures that were present, if any; other control measures or mitigation measures that were implemented, if any; and the magnitude of the PM emissions during the incident.
 - iii. The time at and means by which the incident was identified, e.g., scheduled inspection or observation by operating personnel.
 - iv. The length of time after the incident was identified that the affected operations continued to operate before established control measures were in place or the operations were shutdown (to resume operation only after established control measures were in place) and, if this time was more than one hour, an explanation why this time was not shorter, including a description of any mitigation measures that were implemented during the incident.
 - v. The estimated total duration of the incident, i.e., the total length of time that the affected operations ran without established control measures and the estimated amount of coal handled during the incident.
 - vi. A discussion of the probable cause of the incident and any preventative measures taken.
 - vii. A discussion whether Condition 7.2.4(b) may have been violated during the incident, with supporting explanation as needed.
- f. The Permittee shall keep a maintenance and repair log for each item of air pollution control equipment, i.e., each dust suppressant application system and each dust collection device, associated with affected operations. This log shall list the date and nature of maintenance and repair activities performed on the item of equipment. (See also Condition 9.6.1, Control Equipment Maintenance Records.)
- g. Records for Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall maintain records, related to malfunction and breakdown for affected operations that as a minimum, shall include:

- i. A maintenance and repair log for each affected operation and associated equipment, listing activities performed with date.
- ii. Records for each incident when operation of an affected operation continued during malfunction or breakdown with excess emissions, as provided by Condition 7.2.3(b), including the following information:
 - A. Date and duration of malfunction or breakdown.
 - B. A description of the malfunction or breakdown.
 - C. The corrective actions used to reduce the quantity of emissions and the duration of the incident.
 - D. Confirmation of fulfillment of the requirements of Condition 7.2.10(b), as applicable, including copies of follow-up reports submitted pursuant to Condition 7.2.10(b)(ii).
 - E. If excess emissions occurred for two or more hours:
 - I. An explanation why continued operation of the affected operation was necessary.
 - II. The preventative measures planned or taken to prevent similar malfunctions or breakdowns or reduce their frequency and severity.
 - III. An estimate of the magnitude of excess emissions occurring during the incident.

7.2.10 Reporting Requirements

a. Reporting of Deviations

For the affected operations, the Permittee shall notify the Illinois EPA of deviations from permit requirements including deviations from applicable emission standards, inspection requirements and recordkeeping requirements with the quarterly reports required by Condition 7.1.10(a). Such notifications shall include a description

of each incident and a discussion of the probable cause of deviation, any corrective actions taken and any preventative measures taken, pursuant to Section 39.5(7)(f)(ii) of the Act.

b. Reporting of Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall provide the following notifications and reports to the Illinois EPA, Compliance Section and Regional Office, concerning incidents when operation of an affected operation continued during malfunction or breakdown with excess emissions as addressed by Condition 7.2.3(b).

- i. The Permittee shall notify the Illinois EPA's Regional Office, by telephone (voice, facsimile or electronic) as soon as possible during normal working hours for each incident in which the opacity from an affected operation exceeds 30 percent for more than five consecutive 6-minute averaging periods. (Otherwise, if opacity during a malfunction or breakdown incident only exceeds 30 percent for less than five consecutive 6-minute averaging periods in a row, the Permittee need only report the incident in the quarterly report, in accordance with Condition 7.2.10(a).
- ii. Upon conclusion of each incident that is two hours or more in duration, the Permittee shall submit a written follow-up notice to the Illinois EPA, Compliance Section and Regional Office, within 15 days providing a detailed explanation of the event, an explanation why continued operation of an affected operation was necessary, the length of time during which operation continued under such conditions, the measures taken by the Permittee to minimize and correct deficiencies with chronology, and when the repairs were completed or when the affected operation was taken out of service.

7.2.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected operations without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to continue to comply with applicable requirements or to properly obtain a construction permit in a timely manner for any activity constituting a modification as defined by 40 CFR 52.21 or for an activity for which a permit is required pursuant to 35 IAC 201.142.

- a. Handling of solid fuels other than coal.
- b. Operation of additional dust suppressant systems.
- c. Operation of additional dust collection equipment.
- d. Operation of replacement dust suppression systems or dust collection equipment that is of equal or greater effectiveness in controlling PM emissions than the device(s) being replaced.

7.2.12 Compliance Procedures

- a. Compliance with Conditions 7.2.4(a) and (b) is addressed by the control, inspection, and recordkeeping required by Conditions 7.2.6(a), 7.2.8, and 7.2.9, respectively.

7.3 Coal Processing Equipment

7.3.1 Description

The Permittee prepares or processes coal for use as fuel in its boilers with crushers that reduce the size of the coal. Associated particulate matter (PM) emissions are controlled by various control measures including moisture content of the coal, and enclosures and covers.

7.3.2 List of Emission Units and Air Pollution Control Equipment

The following is a list of the coal processing equipment and associated control systems at the source. These processing equipment were all constructed prior to April 14, 1972.

Emission Unit	Description	Emission Control Equipment
Crusher House	Coal Crushing Operation	Enclosures and Covers
Coal Mill A	Coal Crushing Operation	Enclosures and Covers
Coal Mill B	Coal Crushing Operation	Enclosures and Covers

7.3.3 Applicability Provisions

- a. An "affected process" for the purpose of these unit-specific conditions, is an individual process emission unit that prepares coal for use as a fuel by crushing the coal as described in Conditions 7.3.1 and 7.3.2.
- b. The Permittee is authorized to continue operation of an affected process in violation of the applicable requirements of Condition 5.2.2(b) (35 IAC 212.123) and Condition 7.3.4(c) in the event of a malfunction or breakdown of an affected process subject to the following provisions. This authorization is provided pursuant to 35 IAC 201.262 as the Permittee has submitted "... proof that continued operation is required to provide essential service, prevent risk of injury to personnel or severe damage to equipment.":
 - i. This authorization only allows such continued operation as necessary to provide essential service, prevent risk of injury to personnel or severe damage to equipment and does not extend to continued operation solely for the economic benefit of the Permittee.
 - ii. Upon occurrence of excess emissions due to malfunction or breakdown, the Permittee shall as soon as practicable repair the affected process or remove the affected process from service so that excess emissions cease. Unless the Permittee obtains an extension from the Illinois

EPA, this shall be accomplished within 24 hours* or noon of the Illinois EPA's next business day*, whichever is later. The Permittee may obtain an extension for up to a total of 72 hours* from the Illinois EPA, Air Regional Office unless extraordinary circumstances exist. The Illinois EPA, Air Compliance Section, in Springfield, may grant a longer extension if the Permittee demonstrates that unusual circumstances exist, the affected process can not reasonably be repaired or removed from service within the allowed time, the affected process can not be repaired or removed from service as soon as practicable; and the Permittee is taking reasonable steps to minimize excess emissions, based on the actions that have been and will be taken.

* For this purpose and other related provisions, time shall be measured from the start of a particular incident. The absence of excess emissions for a short period shall not be considered to end the incident if excess emissions resume. In such circumstances, the incident shall be considered to continue until corrective actions are taken so that excess emissions cease or the Permittee takes the affected process out of service.

- iii. The Permittee shall fulfill applicable recordkeeping and reporting requirements of Condition 7.3.9(f) and 7.3.10(b).
- iv. Following notification to the Illinois EPA of a malfunction or breakdown with excess emissions, the Permittee shall comply with all reasonable directives of the Illinois EPA with respect to such incident, pursuant to 35 IAC 201.263.

7.3.4 Applicable Emission Standards

- a. The affected processes shall comply with the standard in Condition 5.2.2(a), which addresses visible emissions of fugitive particulate matter, as defined by 35 IAC 211.2490, from the affected processes, pursuant to 35 IAC 212.301.
- b. The affected processes shall comply with the standard in Condition 5.2.2(b), which addresses the opacity of the emission of smoke or other particulate matter from the affected processes, pursuant to 35 IAC 212.123.
- c. The affected processes are subject to 35 IAC 212.322(a), which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour

period from any process emission unit for which construction or modification commenced prior to April 14, 1972, which, either alone or in combination with the emission of particulate matter from all other similar process emission at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 (see also Attachment 2) [35 IAC 212.322(a)].

7.3.5 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected processes not being subject to the New Source Performance Standards (NSPS) for Coal Preparation Plants, 40 CFR Part 60, Subparts A and Y, because the affected processes commenced construction or modification before October 24, 1974.
- b. This permit is issued based on the affected processes not being subject to the requirements of 40 CFR Part 64, Compliance Assurance Monitoring (CAM), because the individual affected process does not meet the criteria of 40 CFR 64.2(a), i.e., the potential pre-control device emissions of particulate matter from each affected process do not equal or exceed major source threshold levels.

7.3.6 Work Practices, Operational and Production Limits, and Emission Limitations

- a.
 - i. The Permittee shall implement and maintain control measures for the affected processes, such as enclosure, natural surface moisture, application of dust suppressant, and use of dust collection devices, that minimize visible emissions of particulate matter and provide a reasonable assurance of compliance with the applicable emission standards in Conditions 7.3.4 pursuant to Section 39.5(7)(a) of the Act.
 - ii. The Permittee shall operate and maintain each affected process with the control measures identified in Condition 7.3.9(b).

7.3.7 Testing Requirements

None

7.3.8 Inspection Requirements

The Permittee shall perform inspections of each affected process on at least a weekly basis, including associated control measures, to confirm compliance with the requirements of Condition 7.3.6(a).

7.3.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected processes, pursuant to Section 39.5(7) (b) of the Act:

- a. The Permittee shall keep a record, which shall be kept up to date, of the maximum operating capacity of the affected processes.
- b.
 - i. The Permittee shall maintain a record, which shall be kept up to date, of the control measures of the affected processes currently being implemented pursuant to Condition 7.3.6(a). These control measures are referred to as the "established control measures" in this subsection of this permit.
 - ii. Accompanying this record, the Permittee shall maintain a demonstration that confirms that the above established practices are sufficient to assure compliance with Condition 7.3.4(c) at the maximum process weight rate at which each affected process can be operated (tons coal/hour), with supporting emission calculations and documentation for the emission factors and the efficiency of the control measures being relied upon by the Permittee (see also Condition 7.3.12).
- c. The Permittee shall maintain records of the following for the inspections required by Condition 7.3.8, for each affected process:
 - i. Date and time the inspection was performed and name(s) of inspection personnel.
 - ii. Area or specific operations inspected.
 - iii. The observed condition of the established control measures for the inspected area or operations.
 - iv. A description of any maintenance or repair associated with established control measures that is recommended as a result of the inspection and a review of outstanding recommendations for maintenance or repair from previous inspection(s), i.e., whether recommended action has been taken, is yet to be performed or no longer appears to be required.
 - v. A summary of compliance compared to the established control measures.
- d. The Permittee shall maintain records of the following for each incident when any affected process operated without the established control measures:

- i. The date of the incident and identification of the affected process(es) that were involved.
 - ii. A description of the incident, including the established control measures that were not present or implemented; the established control measures that were present, if any; other control measures or mitigation measures that were implemented, if any; and the magnitude of the PM emissions during the incident.
 - iii. The time at and means by which the incident was identified, e.g., scheduled inspection or observation by operating personnel.
 - iv. The length of time after the incident was identified that the affected process(es) continued to operate before established control measures were in place or the operations were shutdown (to resume operation only after established control measures were in place) and, if this time was more than one hour, an explanation why this time was not shorter, including a description of any mitigation measures that were implemented during the incident.
 - v. The estimated total duration of the incident, i.e., the total length of time that the affected process(es) ran without established control measures and the estimated amount of coal processed during the incident.
 - vi. A discussion of the probable cause of the incident and any preventative measures taken.
 - vii. A discussion whether Condition 7.3.4(b) may have been violated during the incident, with supporting explanation as needed.
- e. The Permittee shall keep a maintenance and repair log for each item of air pollution control equipment, i.e., each dust suppressant application system and each dust collection device, associated with affected process(es). This log shall list the date and nature of maintenance and repair activities performed on the item of equipment. (See also Condition 9.6.1, Control Equipment Maintenance Records.)
 - f. Records for Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall maintain records, related to malfunction and breakdown for an affected process that as a minimum, shall include:

- i. A maintenance and repair log for each affected process and associated equipment, listing activities performed with date.
- ii. Records for each incident when operation of an affected process continued during malfunction or breakdown with excess emissions, as provided by Condition 7.3.3(b), including the following information:
 - A. Date and duration of malfunction or breakdown.
 - B. A description of the malfunction or breakdown.
 - C. The corrective actions used to reduce the quantity of emissions and the duration of the incident.
 - D. Confirmation of fulfillment of the requirements of Condition 7.3.10(b), as applicable, including copies of follow-up reports submitted pursuant to Condition 7.3.10(b) (ii).
 - E. If excess emissions occurred for two or more hours:
 - I. An explanation why continued operation of the affected process was necessary.
 - II. The preventative measures planned or taken to prevent similar malfunctions or breakdowns or reduce their frequency and severity.
 - III. An estimate of the magnitude of excess emissions occurring during the incident.

7.3.10 Reporting Requirements

a. Reporting of Deviations

For the affected processes, the Permittee shall notify the Illinois EPA of deviations from permit requirements including deviations from applicable emission standards, inspection requirements and recordkeeping requirements with the quarterly reports required by Condition 7.1.10(a). Such notifications shall include a description of each incident and a discussion of the probable cause of deviation, any corrective actions taken and any preventative measures taken, pursuant to Section 39.5(7) (f) (ii) of the Act.

b. Reporting of Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall provide the following notifications and reports to the Illinois EPA, Compliance Section and Regional Office, concerning incidents when operation of an affected process continued during malfunction or breakdown with excess emissions as addressed by Condition 7.3.3(b).

- i. The Permittee shall notify the Illinois EPA's Regional Office, by telephone (voice, facsimile or electronic) as soon as possible during normal working hours for each incident in which the opacity from an affected process exceeds 30 percent for more than five consecutive 6-minute averaging periods. (Otherwise, if opacity during a malfunction or breakdown incident only exceeds 30 percent for less than five consecutive 6-minute averaging periods in a row, the Permittee need only report the incident in the quarterly report, in accordance with Condition 7.3.10(a).
- ii. Upon conclusion of each incident that is two hours or more in duration, the Permittee shall submit a written follow-up notice to the Illinois EPA, Compliance Section and Regional Office, within 15 days providing a detailed explanation of the event, an explanation why continued operation of an affected process was necessary, the length of time during which operation continued under such conditions, the measures taken by the Permittee to minimize and correct deficiencies with chronology, and when the repairs were completed or when the affected process was taken out of service.

7.3.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected processes without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to continue to comply with applicable requirements or to properly obtain a construction permit in a timely manner for any activity constituting a modification as defined by 40 CFR 52.21 or for an activity for which a permit is required pursuant to 35 IAC 201.142.

- a. Handling of solid fuels other than coal.
- b. Operation of additional dust suppressant systems.
- c. Operation of additional dust collection equipment.

- d. Operation of replacement dust suppression systems or dust collection equipment that is of equal or greater effectiveness in controlling PM emissions than the device(s) being replaced.

7.3.12 Compliance Procedures

- a. Compliance with Conditions 7.3.4(a) and (b) is addressed by the control, inspection, and recordkeeping required by Conditions 7.3.6(a), 7.3.8, and 7.3.9, respectively.
- b. Compliance with Condition 7.3.4(c) is determined based on the control, inspection, and recordkeeping required by Conditions 7.3.6(a), 7.3.8, and 7.3.9, respectively, and published emission factors for uncontrolled PM emissions, efficiency of control measures, and controlled PM emissions as identified in the records required by Condition 7.3.9(b) or by the use of measured emissions factors.

7.4 Fly Ash Equipment

7.4.1 Description

The Permittee operates a fly ash removal system. Associated particulate matter (PM) emissions are controlled by various control measures including moisture content of the fly ash, enclosures and covers, and dust collection devices.

7.4.2 List of Emission Units and Air Pollution Control Equipment

The following is a list of the fly ash equipment and associated emission control systems at the source:

Fly Ash Conveyors
Fly Ash Silos
Fly Ash Loading
Dust Collection Devices, Enclosures and Covers

7.4.3 Applicability Provisions

- a. An "affected process" for the purpose of these unit-specific conditions, is an individual process emission unit that transfers fly ash as described in Conditions 7.4.1 and 7.4.2.
- b. The Permittee is authorized to continue operation of an affected process in violation of the applicable requirements of Condition 5.2.2(b) (35 IAC 212.123) and Condition 7.4.4(c) in the event of a malfunction or breakdown of an affected process subject to the following provisions. This authorization is provided pursuant to 35 IAC 201.262 as the Permittee has submitted "... proof that continued operation is required to provide essential service, prevent risk of injury to personnel or severe damage to equipment.":
 - i. This authorization only allows such continued operation as necessary to provide essential service, prevent risk of injury to personnel or severe damage to equipment and does not extend to continued operation solely for the economic benefit of the Permittee.
 - ii. Upon occurrence of excess emissions due to malfunction or breakdown, the Permittee shall as soon as practicable repair the affected process or remove the affected process from service so that excess emissions cease. Unless the Permittee obtains an extension from the Illinois EPA, this shall be accomplished within 24 hours* or noon of the Illinois EPA's next business day*, whichever is later. The Permittee may obtain an extension for up to a total of 72 hours* from the Illinois EPA, Air Regional Office unless extraordinary circumstances exist.

The Illinois EPA, Air Compliance Section, in Springfield, may grant a longer extension if the Permittee demonstrates that unusual circumstances exist, the affected process can not reasonably be repaired or removed from service within the allowed time, the affected process can not be repaired or removed from service as soon as practicable; and the Permittee is taking reasonable steps to minimize excess emissions, based on the actions that have been and will be taken.

* For this purpose and other related provisions, time shall be measured from the start of a particular incident. The absence of excess emissions for a short period shall not be considered to end the incident if excess emissions resume. In such circumstances, the incident shall be considered to continue until corrective actions are taken so that excess emissions cease or the Permittee takes the affected process out of service.

- iii. The Permittee shall fulfill applicable recordkeeping and reporting requirements of Condition 7.4.9(f) and 7.4.10(c).
- iv. Following notification to the Illinois EPA of a malfunction or breakdown with excess emissions, the Permittee shall comply with all reasonable directives of the Illinois EPA with respect to such incident, pursuant to 35 IAC 201.263.

7.4.4 Applicable Emission Standards

- a. The affected processes shall comply with the standard in Condition 5.2.2(a), which addresses visible emissions of fugitive particulate matter, as defined by 35 IAC 211.2490, from the affected processes, pursuant to 35 IAC 212.301.
- b. The affected processes shall comply with the standard in Condition 5.2.2(b), which addresses the opacity of the emission of smoke or other particulate matter from the affected processes, pursuant to 35 IAC 212.123.
- c. The affected processes are subject to 35 IAC 212.321(a), which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates

specified in subsection (c) of 35 IAC 212.321 (see also Attachment 1) [35 IAC 212.321(a)].

7.4.5 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected processes not being subject to the requirements of 40 CFR Part 64, Compliance Assurance Monitoring (CAM), because the individual affected process does not meet the criteria of 40 CFR 64.2(a), i.e., the potential pre-control device emissions of particulate matter from each affected process do not equal or exceed major source threshold levels.
- b. This permit is issued based on the affected processes not being subject to the New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing Plants, 40 CFR Part 60, Subparts A and OOO, because the affected processes do not meet the definition of a nonmetallic mineral processing plant because there is no equipment used to crush or grind.

7.4.6 Work Practices, Operational and Production Limits, and Emission Limitations

- a.
 - i. The Permittee shall implement and maintain control measures for the affected processes, such as enclosure, natural surface moisture, application of dust suppressant, and use of dust collection devices, that minimize visible emissions of particulate matter and provide a reasonable assurance of compliance with the applicable emission standards in Conditions 7.4.4 pursuant to Section 39.5(7) (a) of the Act.
 - ii. The Permittee shall operate and maintain each affected process with the control measures identified in Condition 7.4.9(b).

7.4.7 Testing Requirements

None

7.4.8 Inspection Requirements

The Permittee shall perform inspections of the affected processes on at least a monthly basis, including associated control measures, while the affected processes are in use, to confirm compliance with the requirements of Condition 7.4.6(a). These inspections may be scheduled so that only a number of affected processes are reviewed during each inspection, provided however, that all affected processes shall be inspected at least once during each calendar quarter, pursuant to Section 39.5(7) (a) of the Act.

7.4.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected processes, pursuant to Section 39.5(7) (b) of the Act:

- a. The Permittee shall keep a record, which shall be kept up to date, of the maximum operating capacity of the affected processes.
- b.
 - i. The Permittee shall maintain a record, which shall be kept up to date, of the control measures of the affected processes currently being implemented pursuant to Condition 7.4.6(a). These control measures are referred to as the "established control measures" in this subsection of this permit.
 - ii. Accompanying this record, the Permittee shall maintain a demonstration that confirms that the above established practices are sufficient to assure compliance with Condition 7.4.4(c) at the maximum process weight rate at which each affected process can be operated (tons coal/hour), with supporting emission calculations and documentation for the emission factors and the efficiency of the control measures being relied upon by the Permittee (see also Condition 7.4.12).
- c. The Permittee shall maintain records of the following for the inspections required by Condition 7.4.8, for each affected process:
 - i. Date and time the inspection was performed and name(s) of inspection personnel.
 - ii. Area or specific operations inspected.
 - iii. The observed condition of the established control measures for the inspected area or operations.
 - iv. A description of any maintenance or repair associated with established control measures that is recommended as a result of the inspection and a review of outstanding recommendations for maintenance or repair from previous inspection(s), i.e., whether recommended action has been taken, is yet to be performed or no longer appears to be required.
 - v. A summary of compliance compared to the established control measures.

- d. The Permittee shall maintain records of the following for each incident when any affected process operated without the established control measures:
 - i. The date of the incident and identification of the affected process(es) that were involved.
 - ii. A description of the incident, including the established control measures that were not present or implemented; the established control measures that were present, if any; other control measures or mitigation measures that were implemented, if any; and the magnitude of the PM emissions during the incident.
 - iii. The time at and means by which the incident was identified, e.g., scheduled inspection or observation by operating personnel.
 - iv. The length of time after the incident was identified that the affected process(es) continued to operate before established control measures were in place or the operations were shutdown (to resume operation only after established control measures were in place) and, if this time was more than one hour, an explanation why this time was not shorter, including a description of any mitigation measures that were implemented during the incident.
 - v. The estimated total duration of the incident, i.e., the total length of time that the affected process(es) ran without established control measures and the estimated amount of coal processed during the incident.
 - vi. A discussion of the probable cause of the incident and any preventative measures taken.
 - vii. A discussion whether Condition 7.4.4(b) may have been violated during the incident, with supporting explanation as needed.
- e. The Permittee shall keep a maintenance and repair log for each item of air pollution control equipment, i.e., each dust suppressant application system and each dust collection device, associated with affected process(es). This log shall list the date and nature of maintenance and repair activities performed on the item of equipment. (See also Condition 9.6.1, Control Equipment Maintenance Records.)
- f. Records for Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall maintain records, related to malfunction and breakdown for an affected process that as a minimum, shall include:

- i. A maintenance and repair log for each affected process and associated equipment, listing activities performed with date.
- ii. Records for each incident when operation of an affected process continued during malfunction or breakdown with excess emissions, as provided by Condition 7.4.3(b), including the following information:
 - A. Date and duration of malfunction or breakdown.
 - B. A description of the malfunction or breakdown.
 - C. The corrective actions used to reduce the quantity of emissions and the duration of the incident.
 - D. Confirmation of fulfillment of the requirements of Condition 7.4.10(b), as applicable, including copies of follow-up reports submitted pursuant to Condition 7.4.10(b)(ii).
 - E. If excess emissions occurred for two or more hours:
 - I. An explanation why continued operation of the affected process was necessary.
 - II. The preventative measures planned or taken to prevent similar malfunctions or breakdowns or reduce their frequency and severity.
 - III. An estimate of the magnitude of excess emissions occurring during the incident.

7.4.10 Reporting Requirements

a. Reporting of Deviations

For the affected processes, the Permittee shall notify the Illinois EPA of deviations from permit requirements including deviations from applicable emission standards, inspection requirements and recordkeeping requirements with the quarterly reports required by Condition 7.1.10(a). Such notifications shall include a description

of each incident and a discussion of the probable cause of deviation, any corrective actions taken and any preventative measures taken, pursuant to Section 39.5(7)(f)(iii) of the Act.

b. Reporting of Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall provide the following notifications and reports to the Illinois EPA, Compliance Section and Regional Office, concerning incidents when operation of an affected process continued during malfunction or breakdown with excess emissions as addressed by Condition 7.4.3(b).

- i. The Permittee shall notify the Illinois EPA's Regional Office, by telephone (voice, facsimile or electronic) as soon as possible during normal working hours for each incident in which the opacity from an affected process exceeds 30 percent for more than five consecutive 6-minute averaging periods. (Otherwise, if opacity during a malfunction or breakdown incident only exceeds 30 percent for less than five consecutive 6-minute averaging periods in a row, the Permittee need only report the incident in the quarterly report, in accordance with Condition 7.4.10(a).
- ii. Upon conclusion of each incident that is two hours or more in duration, the Permittee shall submit a written follow-up notice to the Illinois EPA, Compliance Section and Regional Office, within 15 days providing a detailed explanation of the event, an explanation why continued operation of an affected process was necessary, the length of time during which operation continued under such conditions, the measures taken by the Permittee to minimize and correct deficiencies with chronology, and when the repairs were completed or when the affected process was taken out of service.

7.4.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected processes without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to continue to comply with applicable requirements or to properly obtain a construction permit in a timely manner for any activity constituting a modification as defined by 40 CFR 52.21 or for an activity for which a permit is required pursuant to 35 IAC 201.142.

- a. Operation of additional dust suppressant systems.
- b. Operation of additional dust collection equipment.
- c. Operation of replacement dust suppression systems or dust collection equipment that is of equal or greater effectiveness in controlling PM emissions than the device(s) being replaced.

7.4.12 Compliance Procedures

- a. Compliance with Conditions 7.4.4(a) and (b) is addressed by the control, inspection, and recordkeeping required by Conditions 7.4.6(a), 7.4.8, and 7.4.9, respectively.
- b. Compliance with Condition 7.4.4(c) is determined based on the control, inspection, and recordkeeping required by Conditions 7.4.6(a), 7.4.8, and 7.4.9, respectively, and published emission factors for uncontrolled PM emissions, efficiency of control measures, and controlled PM emissions as identified in the records required by Condition 7.4.9(b) or by the use of measured emissions factors.

7.5 Limestone Handling Equipment

7.5.1 Description

The Permittee operates a limestone handling system. Associated particulate matter (PM) emissions are controlled by various control measures including moisture content of the limestone, enclosures and covers, and dust collection devices.

7.5.2 List of Emission Units and Air Pollution Control Equipment

The following is a list of the limestone equipment and associated emission control systems at the source:

Limestone Conveyors
Limestone Silos
Limestone Unloading
Dust Collection Devices, Enclosures and Covers

7.5.3 Applicability Provisions

- a. The "affected operations" for the purpose of these unit-specific conditions, are the emission units that are used solely for the purpose of transferring limestone from one location to another or for storage of limestone, without changing the size, e.g., by crushing or screening.
- b. The Permittee is authorized to continue operation of an affected operation in violation of the applicable requirement of Condition 5.2.2(b) (35 IAC 212.123) in the event of a malfunction or breakdown of an affected operation subject to the following provisions. This authorization is provided pursuant to 35 IAC 201.262 as the Permittee has submitted "... proof that continued operation is required to provide essential service, prevent risk of injury to personnel or severe damage to equipment.":
 - i. This authorization only allows such continued operation as necessary to provide essential service, prevent risk of injury to personnel or severe damage to equipment and does not extend to continued operation solely for the economic benefit of the Permittee.
 - ii. Upon occurrence of excess emissions due to malfunction or breakdown, the Permittee shall as soon as practicable repair the affected operation or remove the affected operation from service so that excess emissions cease. Unless the Permittee obtains an extension from the Illinois EPA, this shall be accomplished within 24 hours* or noon of the Illinois EPA's next business day*, whichever is later. The Permittee may obtain an extension for up to a

total of 72 hours* from the Illinois EPA, Air Regional Office unless extraordinary circumstances exist. The Illinois EPA, Air Compliance Section, in Springfield, may grant a longer extension if the Permittee demonstrates that unusual circumstances exist, the affected operation can not reasonably be repaired or removed from service within the allowed time, the affected operation can not be repaired or removed from service as soon as practicable; and the Permittee is taking reasonable steps to minimize excess emissions, based on the actions that have been and will be taken.

* For this purpose and other related provisions, time shall be measured from the start of a particular incident. The absence of excess emissions for a short period shall not be considered to end the incident if excess emissions resume. In such circumstances, the incident shall be considered to continue until corrective actions are taken so that excess emissions cease or the Permittee takes the affected operation out of service.

- iii. The Permittee shall fulfill applicable recordkeeping and reporting requirements of Condition 7.5.9(f) and 7.5.10(b).
- iv. Following notification to the Illinois EPA of a malfunction or breakdown with excess emissions, the Permittee shall comply with all reasonable directives of the Illinois EPA with respect to such incident, pursuant to 35 IAC 201.263.

7.5.4 Applicable Emission Standards

- a. The affected operations shall comply with the standard in Condition 5.2.2(a), which addresses visible emissions of fugitive particulate matter, as defined by 35 IAC 211.2490, from the affected operations, pursuant to 35 IAC 212.301.
- b. The affected operations shall comply with the standard in Condition 5.2.2(b), which addresses the opacity of the emission of smoke or other particulate matter from the affected operations, pursuant to 35 IAC 212.123.
- c. The affected operations are subject to 35 IAC 212.321(a), which provides that:

No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new operations emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification

commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 (see also Attachment 1) [35 IAC 212.321(a)].

7.5.5 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected operations not being subject to the requirements of 40 CFR Part 64, Compliance Assurance Monitoring (CAM), because the individual affected operations do not meet the criteria of 40 CFR 64.2(a), i.e., the potential pre-control device emissions of particulate matter from each affected operations do not equal or exceed major source threshold levels.
- b. This permit is issued based on the affected operations not being subject to the New Source Performance Standards (NSPS) for Nonmetallic Mineral Processing Plants, 40 CFR Part 60, Subparts A and OOO, because the affected operations do not meet the definition of a nonmetallic mineral processing plant because there is no equipment used to crush or grind.

7.5.6 Work Practices, Operational and Production Limits, and Emission Limitations

- a. i. The Permittee shall implement and maintain control measures for the affected operations, such as enclosure, natural surface moisture, application of dust suppressant, and use of dust collection devices, that minimize visible emissions of particulate matter and provide a reasonable assurance of compliance with the applicable emission standards in Condition 7.5.4 pursuant to Section 39.5(7) (a) of the Act.
- ii. The Permittee shall operate and maintain each affected operations with the control measures identified in Condition 7.5.9(b).

7.5.7 Testing Requirements

None

7.5.8 Inspection Requirements

The Permittee shall perform inspections of the affected operations on at least a monthly basis, including associated control measures, while the affected operations are in use, to confirm compliance with the requirements of Condition 7.5.6(a). These inspections may be scheduled so that only a number of affected operations are reviewed during each inspection, provided however, that all affected operations shall be inspected at least once during each calendar quarter, pursuant to Section 39.5(7) (a) of the Act.

7.5.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items for the affected operations, pursuant to Section 39.5(7)(b) of the Act:

- a. The Permittee shall keep a record, which shall be kept up to date, of the maximum operating capacity of the affected operations.
- b.
 - i. The Permittee shall maintain a record, which shall be kept up to date, of the control measures of the affected operations currently being implemented pursuant to Condition 7.5.6(a). These control measures are referred to as the "established control measures" in this subsection of this permit.
 - ii. Accompanying this record, the Permittee shall maintain a demonstration that confirms that the above established practices are sufficient to assure compliance with Condition 7.5.4(c) at the maximum process weight rate at which each affected operation can be operated (tons coal/hour), with supporting emission calculations and documentation for the emission factors and the efficiency of the control measures being relied upon by the Permittee (see also Condition 7.5.12).
- c. The Permittee shall maintain records of the following for the inspections required by Condition 7.5.8, for each affected operation:
 - i. Date and time the inspection was performed and name(s) of inspection personnel.
 - ii. Area or specific operations inspected.
 - iii. The observed condition of the established control measures for the inspected area or operations.
 - iv. A description of any maintenance or repair associated with established control measures that is recommended as a result of the inspection and a review of outstanding recommendations for maintenance or repair from previous inspection(s), i.e., whether recommended action has been taken, is yet to be performed or no longer appears to be required.
 - v. A summary of compliance compared to the established control measures.

- d. The Permittee shall maintain records of the following for each incident when any affected operation operated without the established control measures:
 - i. The date of the incident and identification of the affected operation(s) that were involved.
 - ii. A description of the incident, including the established control measures that were not present or implemented; the established control measures that were present, if any; other control measures or mitigation measures that were implemented, if any; and the magnitude of the PM emissions during the incident.
 - iii. The time at and means by which the incident was identified, e.g., scheduled inspection or observation by operating personnel.
 - iv. The length of time after the incident was identified that the affected operation(s) continued to operate before established control measures were in place or the operations were shutdown (to resume operation only after established control measures were in place) and, if this time was more than one hour, an explanation why this time was not shorter, including a description of any mitigation measures that were implemented during the incident.
 - v. The estimated total duration of the incident, i.e., the total length of time that the affected operation(s) ran without established control measures and the estimated amount of limestone handled during the incident.
 - vi. A discussion of the probable cause of the incident and any preventative measures taken.
 - vii. A discussion whether Condition 7.5.4(b) may have been violated during the incident, with supporting explanation as needed.
- e. The Permittee shall keep a maintenance and repair log for each item of air pollution control equipment, i.e., each dust suppressant application system and each dust collection device, associated with affected operations. This log shall list the date and nature of maintenance and repair activities performed on the item of equipment. (See also Condition 9.6.1, Control Equipment Maintenance Records.)
- f. Records for Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall maintain records, related to malfunction and breakdown for an affected operation that as a minimum, shall include:

- i. A maintenance and repair log for each affected operation and associated equipment, listing activities performed with date.
- ii. Records for each incident when operation of an affected operation continued during malfunction or breakdown with excess emissions, as provided by Condition 7.5.3(b), including the following information:
 - A. Date and duration of malfunction or breakdown.
 - B. A description of the malfunction or breakdown.
 - C. The corrective actions used to reduce the quantity of emissions and the duration of the incident.
 - D. Confirmation of fulfillment of the requirements of Condition 7.5.10(b), as applicable, including copies of follow-up reports submitted pursuant to Condition 7.5.10(b)(ii).
 - E. If excess emissions occurred for two or more hours:
 - I. An explanation why continued operation of the affected operation was necessary.
 - II. The preventative measures planned or taken to prevent similar malfunctions or breakdowns or reduce their frequency and severity.
 - III. An estimate of the magnitude of excess emissions occurring during the incident.

7.5.10 Reporting Requirements

a. Reporting of Deviations

For the affected operations, the Permittee shall notify the Illinois EPA of deviations from permit requirements including deviations from applicable emission standards, inspection requirements and recordkeeping requirements with the quarterly reports required by Condition 7.1.10(a). Such notifications shall include a description

of each incident and a discussion of the probable cause of deviation, any corrective actions taken and any preventative measures taken, pursuant to Section 39.5(7)(f)(ii) of the Act.

b. Reporting of Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall provide the following notifications and reports to the Illinois EPA, Compliance Section and Regional Office, concerning incidents when operation of an affected operation continued during malfunction or breakdown with excess emissions as addressed by Condition 7.5.3(b).

- i. The Permittee shall notify the Illinois EPA's Regional Office, by telephone (voice, facsimile or electronic) as soon as possible during normal working hours for each incident in which the opacity from an affected operation exceeds 30 percent for more than five consecutive 6-minute averaging periods. (Otherwise, if opacity during a malfunction or breakdown incident only exceeds 30 percent for less than five consecutive 6-minute averaging periods in a row, the Permittee need only report the incident in the quarterly report, in accordance with Condition 7.5.10(a).
- ii. Upon conclusion of each incident that is two hours or more in duration, the Permittee shall submit a written follow-up notice to the Illinois EPA, Compliance Section and Regional Office, within 15 days providing a detailed explanation of the event, an explanation why continued operation of an affected operation was necessary, the length of time during which operation continued under such conditions, the measures taken by the Permittee to minimize and correct deficiencies with chronology, and when the repairs were completed or when the affected operation was taken out of service.

7.5.11 Operational Flexibility/Anticipated Operating Scenarios

The Permittee is authorized to make the following physical or operational change with respect to the affected operations without prior notification to the Illinois EPA or revision of this permit. This condition does not affect the Permittee's obligation to continue to comply with applicable requirements or to properly obtain a construction permit in a timely manner for any activity constituting a modification as defined by 40 CFR 52.21 or for an activity for which a permit is required pursuant to 35 IAC 201.142.

- a. Operation of additional dust suppressant systems.
- b. Operation of additional dust collection equipment.
- c. Operation of replacement dust suppression systems or dust collection equipment that is of equal or greater effectiveness in controlling PM emissions than the device(s) being replaced.

7.5.12 Compliance Procedures

- a. Compliance with Conditions 7.5.4(a) and (b) is addressed by the control, inspection, and recordkeeping required by Conditions 7.5.6(a), 7.5.8, and 7.5.9, respectively.
- b. Compliance with Condition 7.5.4(c) is determined based on the control, inspection, and recordkeeping required by Conditions 7.5.6(a), 7.5.8, and 7.5.9, respectively, and published emission factors for uncontrolled PM emissions, efficiency of control measures, and controlled PM emissions as identified in the records required by Condition 7.5.9(b) or by the use of measured emissions factors.

7.6 Turbines

7.6.1 Description

The turbine is a process emission unit used for on-site power needs. The turbine is powered by distillate fuel oil.

7.6.2 List of Emission Units and Air Pollution Control Equipment

Emission Unit	Description	Emission Control Equipment
CT-1	273 mmBtu/hr Distillate Fuel Oil Fired Turbine	None

7.6.3 Applicability Provisions

- a. The "affected turbine" for the purpose of these unit-specific conditions, is a turbine described in Conditions 7.6.1 and 7.6.2.

b. Startup Provisions

The Permittee is authorized to operate an affected turbine in violation of the applicable limit of 35 IAC 212.123 (Condition 5.2.2) during startup pursuant to 35 IAC 201.262, as the Permittee has affirmatively demonstrated that all reasonable efforts have been made to minimize startup emissions, duration of individual starts, and frequency of startups. This authorization is subject to the following:

- i. This authorization only extends for a period of up to 2-hours following initial firing of fuel during each startup event.
- ii. The Permittee shall take the following measures to minimize startup emissions, the duration of startups, and minimize the frequency of startups:
 - A. Implementation of established startup procedures.
- iii. The Permittee shall fulfill the applicable recordkeeping requirements of Condition 7.6.9(a).

c. Malfunction and Breakdown Provisions

The Permittee is authorized to continue operation of an affected turbine in violation of the applicable requirement of Condition 5.2.2(b) (35 IAC 212.123) in the event of a malfunction or breakdown of an affected turbine subject to the following provisions. This authorization is provided pursuant to 35 IAC 201.262 as the Permittee has submitted "... proof that continued

operation is required to provide essential service, prevent risk of injury to personnel or severe damage to equipment.”:

- i. This authorization only allows such continued operation as necessary to provide essential service, prevent risk of injury to personnel or severe damage to equipment and does not extend to continued operation solely for the economic benefit of the Permittee.
- ii. Upon occurrence of excess emissions due to malfunction or breakdown, the Permittee shall as soon as practicable repair the affected turbine or remove the affected turbine from service so that excess emissions cease. Unless the Permittee has notified Illinois EPA, this shall be accomplished within 2 hours*.

* For this purpose and other related provisions, time shall be measured from the start of a particular incident. The absence of excess emissions for a short period shall not be considered to end the incident if excess emissions resume. In such circumstances, the incident shall be considered to continue until corrective actions are taken so that excess emissions cease or the Permittee takes the affected turbine out of service.

- iii. The Permittee shall fulfill applicable recordkeeping and reporting requirements of Condition 7.6.9(e) and 7.6.10(b).
- iv. Following notification to the Illinois EPA of a malfunction or breakdown with excess emissions, the Permittee shall comply with all reasonable directives of the Illinois EPA with respect to such incident, pursuant to 35 IAC 201.263.

7.6.4 Applicable Emission Standards

- a. The affected turbine shall comply with the standard in Condition 5.2.2(b), which addresses the opacity of the emission of smoke or other particulate matter from the affected turbine, pursuant to 35 IAC 212.123.
- b. The sulfur content of the oil fired in the affected turbines shall not exceed a level that is equivalent to 0.3 lb/mmBtu/ pursuant to 35 IAC 214.304.
- c. No person shall cause or allow the emission of sulfur dioxide into the atmosphere from any process emission source to excess 2000 ppm [35 IAC 214.301].

7.6.5 Non-Applicability of Regulations of Concern

- a. This permit is issued based on the affected turbines not being subject to the New Source Performance Standards (NSPS) for Stationary Gas Turbines, 40 CFR Part 60, Subpart GG, because the affected turbines commenced construction, modification, or reconstruction prior to October 3, 1977.
- b. This permit is issued based on the affected turbine not being subject to the requirements of 35 IAC 212.321 or 212.322, due to the unique nature of such unit, a process weight rate can not be set so that such rules can not reasonably be applied.
- c. The affected turbine is not subject to 35 IAC 217.141, because the affected turbine is not by definition a fuel combustion unit.
- d. The affected turbine is not subject to 35 IAC 216.121, because the affected turbine is not by definition a fuel combustion unit.
- e. This permit is issued based on the affected turbine not being subject to 40 CFR Part 64, Compliance Assurance Monitoring (CAM) for Major Stationary Sources, because the affected turbine does not use an add-on control device to achieve compliance with an emission limitation or standard.
- f. Pursuant to 35 IAC 72.6(b)(1), simple combustion turbines that commenced commercial operation before November 15, 1990 are not affected units subject to the requirements of the Acid Rain Program.
- g. The affected turbines are not subject to the requirements of the NOx Compliance Programs of 35 IAC Part 217 because each affected turbine has nameplate capacities less than 25 MWe.

7.6.6 Work Practices, Operational and Production Limits, and Emission Limitations

- a. Distillate fuel oil shall be the only fuel fired in the affected turbine.

7.6.7 Testing Requirements

None

7.6.8 Monitoring Requirements

None

7.6.9 Recordkeeping Requirements

In addition to the records required by Condition 5.6, the Permittee shall maintain records of the following items

for the affected turbine, pursuant to Section 39.5(7)(b) of the Act:

- a. A maintenance and repair log for the affected turbine, listing each activity performed with date.
- b. Distillate fuel usage for the affected turbine, gallons/month and gallons/year.
- c. Records of the sulfur content of the fuel oil supply to the affected turbine, based on the weighted average of material in the storage tank, or the sulfur content of the supply shall be assumed to be the maximum sulfur content for any shipment in the tank based on the records required in Condition 7.6.9(b) above.
- d. Emissions of each pollutant from the affected turbine with supporting calculations including documentation on the validity of the emission factors used, ton/month and ton/yr.
- e. Records for Startup

The Permittee shall maintain the following records, pursuant to Section 39.5(7)(b) of the Act, for each affected turbine subject to Condition 7.6.3(f), which at a minimum shall include:

The following information for each startup of an affected turbine:

- i. Date and duration of the startup, i.e., start time and time normal operation achieved, i.e., stable operation at load.
 - ii. If normal operation was not achieved within 2-hours, an explanation why startup could not be achieved in 2-hours.
 - iii. An explanation why established startup procedures could not be performed, if not performed.
 - iv. The nature of opacity, i.e., severity and duration, during the startup and the nature of opacity at the conclusion of startup, if above normal.
 - v. Whether exceedance of 35 IAC 212.123 (Condition 5.2.2), may have occurred during startup, with explanation and estimated duration (minutes).
- f. Records for Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall maintain records, related to malfunction and breakdown for affected turbines that as a minimum, shall include:

- i. A maintenance and repair log for each affected turbine and associated equipment, listing activities performed with date.
- ii. Records for each incident when operation of an affected turbine continued during malfunction or breakdown with excess emissions, as provided by Condition 7.6.3(c), including the following information:
 - A. Date and duration of malfunction or breakdown.
 - B. A description of the malfunction or breakdown.
 - C. The corrective actions used to reduce the quantity of emissions and the duration of the incident.
 - D. Confirmation of fulfillment of the requirements of Condition 7.6.10(b), as applicable, including copies of follow-up reports submitted pursuant to Condition 7.6.10(b)(ii).
 - E. If excess emissions occurred for two or more hours:
 - I. An explanation why continued operation of the affected turbine was necessary.
 - II. The preventative measures planned or taken to prevent similar malfunctions or breakdowns or reduce their frequency and severity.
 - III. An estimate of the magnitude of excess emissions occurring during the incident.

7.6.10 Reporting Requirements

a. Reporting of Deviations

For the affected turbine, the Permittee shall promptly notify the Illinois EPA of deviations from permit requirements as follows. Such notifications shall include a description of each incident and a discussion of the probable cause of deviation, any corrective actions taken and any preventative measures taken, pursuant to Section 39.5(7)(f)(ii) of the Act:

- i. Notification within 30 days for operation of an affected turbine that was not in compliance with applicable requirements in Conditions 7.6.4 that continued for more than 12 operating hours from the time that it was identified. Such notifications shall be accompanied by a copy of the records for the incident required by Condition 7.6.9(e).
 - ii. Notification with the quarterly reports required by Condition 7.1.10(a) for other deviations, including deviations from applicable emission standards, inspection requirements and recordkeeping requirements.
- b. Reporting of Continued Operation During Malfunctions And Breakdowns

Pursuant to 35 IAC 201.263, the Permittee shall provide the following notifications and reports to the Illinois EPA, Compliance Section and Regional Office, concerning incidents when operation of an affected process continued during malfunction or breakdown with excess emissions as addressed by Condition 7.6.3(c).

- i. The Permittee shall notify the Illinois EPA's Regional Office, by telephone (voice, facsimile or electronic) as soon as possible during normal working hours for each incident in which the opacity from an affected turbine exceeds 30 percent for more than five consecutive 6-minute averaging periods. (Otherwise, if opacity during a malfunction or breakdown incident only exceeds 30 percent for less than five consecutive 6-minute averaging periods in a row, the Permittee need only report the incident in the quarterly report, in accordance with Condition 7.6.10(a)(ii).
- ii. Upon conclusion of each incident that is two hours or more in duration, the Permittee shall submit a written follow-up notice to the Illinois EPA, Compliance Section and Regional Office, within 15 days providing a detailed explanation of the event, an explanation why continued operation of an affected turbine was necessary, the length of time during which operation continued under such conditions, the measures taken by the Permittee to minimize and correct deficiencies with chronology, and when the repairs were completed or when the affected turbine was taken out of service.

7.6.11 Operational Flexibility/Anticipated Operating Scenarios

None

7.6.12 Compliance Procedures

- a. Compliance with Condition 7.6.4(b) is demonstrated by proper operating conditions of the affected turbine.

8.0 GENERAL PERMIT CONDITIONS

8.1 Permit Shield

Pursuant to Section 39.5(7)(j) of the Act, the Permittee has requested and has been granted a permit shield. This permit shield provides that compliance with the conditions of this permit shall be deemed compliance with applicable requirements which were applicable as of the date the proposed permit for this source was issued, provided that either the applicable requirements are specifically identified within this permit, or the Illinois EPA, in acting on this permit application, has determined that other requirements specifically identified are not applicable to this source and this determination (or a concise summary thereof) is included in this permit.

This permit shield does not extend to applicable requirements which are promulgated after _____ **{insert public notice start date}** (the date of issuance of the draft permit) unless this permit has been modified to reflect such new requirements.

8.2 Applicability of Title IV Requirements (Acid Deposition Control)

This source is not an affected source under Title IV of the CAA and is not subject to requirements pursuant to Title IV of the CAA.

8.3 Emissions Trading Programs

No permit revision shall be required for increases in emissions allowed under any USEPA approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for elsewhere in this permit and that are authorized by the applicable requirement [Section 39.5(7)(o)(vii) of the Act].

As of the date of issuance of this permit, there are no such economic incentive, marketable permit or emission trading programs that have been approved by USEPA.

8.4 Operational Flexibility/Anticipated Operating Scenarios

8.4.1 Changes Specifically Addressed by Permit

Physical or operational changes specifically addressed by the Conditions of this permit that have been identified as not requiring Illinois EPA notification may be implemented without prior notice to the Illinois EPA.

8.4.2 Changes Requiring Prior Notification

The Permittee is authorized to make physical or operational changes that contravene express permit terms without applying for or obtaining an amendment to this permit, provided that [Section 39.5(12)(a)(i) of the Act]:

- a. The changes do not violate applicable requirements;
- b. The changes do not contravene federally enforceable permit terms or conditions that are monitoring (including test methods), recordkeeping, reporting, or compliance certification requirements;
- c. The changes do not constitute a modification under Title I of the CAA;
- d. Emissions will not exceed the emissions allowed under this permit following implementation of the physical or operational change; and
- e. The Permittee provides written notice to the Illinois EPA, Division of Air Pollution Control, Permit Section, at least 7 days before commencement of the change. This notice shall:
 - i. Describe the physical or operational change;
 - ii. Identify the schedule for implementing the physical or operational change;
 - iii. Provide a statement of whether or not any New Source Performance Standard (NSPS) is applicable to the physical or operational change and the reason why the NSPS does or does not apply;
 - iv. Provide emission calculations which demonstrate that the physical or operational change will not result in a modification; and
 - v. Provide a certification that the physical or operational change will not result in emissions greater than authorized under the Conditions of this permit.

8.5 Testing Procedures

Tests conducted to measure composition of materials, efficiency of pollution control devices, emissions from process or control equipment, or other parameters shall be conducted using standard test methods. Documentation of the test date, conditions, methodologies, calculations, and test results shall be retained pursuant to the recordkeeping procedures of this permit. Reports of any tests conducted as required by this permit or as the result of a request by the Illinois EPA shall be submitted as specified in Condition 8.6.

8.6 Reporting Requirements

8.6.1 Monitoring Reports

If monitoring is required by any applicable requirements or conditions of this permit, a report summarizing the required monitoring results, as specified in the

conditions of this permit, shall be submitted to the Air Compliance Section of the Illinois EPA every six months as follows [Section 39.5(7)(f) of the Act]:

<u>Monitoring Period</u>	<u>Report Due Date</u>
January - June	September 1
July - December	March 1

All instances of deviations from permit requirements must be clearly identified in such reports. All such reports shall be certified in accordance with Condition 9.9.

8.6.2 Test Notifications

Unless otherwise specified elsewhere in this permit, a written test plan for any test required by this permit shall be submitted to the Illinois EPA for review at least 60 days prior to the testing pursuant to Section 39.5(7)(a) of the Act. The notification shall include at a minimum:

- a. The name and identification of the affected unit(s);
- b. The person(s) who will be performing sampling and analysis and their experience with similar tests;
- c. The specific conditions under which testing will be performed, including a discussion of why these conditions will be representative of maximum emissions and the means by which the operating parameters for the source and any control equipment will be determined;
- d. The specific determination of emissions and operation which are intended to be made, including sampling and monitoring locations;
- e. The test method(s) which will be used, with the specific analysis method, if the method can be used with different analysis methods;
- f. Any minor changes in standard methodology proposed to accommodate the specific circumstances of testing, with justification; and
- g. Any proposed use of an alternative test method, with detailed justification.

8.6.3 Test Reports

Unless otherwise specified elsewhere in this permit, the results of any test required by this permit shall be submitted to the Illinois EPA within 60 days of completion of the testing. The test report shall include at a minimum [Section 39.5(7)(e)(i) of the Act]:

- a. The name and identification of the affected unit(s);
- b. The date and time of the sampling or measurements;
- c. The date any analyses were performed;
- d. The name of the company that performed the tests and/or analyses;
- e. The test and analytical methodologies used;
- f. The results of the tests including raw data, and/or analyses including sample calculations;
- g. The operating conditions at the time of the sampling or measurements; and
- h. The name of any relevant observers present including the testing company's representatives, any Illinois EPA or USEPA representatives, and the representatives of the source.

8.6.4 Reporting Addresses

- a. The following addresses should be utilized for the submittal of reports, notifications, and renewals:
 - i. Illinois EPA - Air Compliance Section
 Illinois Environmental Protection Agency (MC 40)
 Bureau of Air
 Compliance Section
 P.O. Box 19276
 Springfield, Illinois 62794-9276
 - ii. Illinois EPA - Air Regional Field Office
 Illinois Environmental Protection Agency
 Division of Air Pollution Control
 5415 North University
 Peoria, Illinois 61614
 - iii. Illinois EPA - Air Permit Section (MC 11)
 Illinois Environmental Protection Agency
 Division of Air Pollution Control
 Permit Section
 P.O. Box 19506
 Springfield, Illinois 62794-9506
 - iv. USEPA Region 5 - Air Branch
 USEPA (AR - 17J)
 Air & Radiation Division
 77 West Jackson Boulevard

Chicago, Illinois 60604

- b. Unless otherwise specified in the particular provision of this permit, reports shall be sent to the Illinois EPA - Air Compliance Section with a copy sent to the Illinois EPA - Air Regional Field Office.

8.7 Obligation to Comply with Title I Requirements

Any term, condition, or requirement identified in this permit by T1, T1R, or T1N is established or revised pursuant to 35 IAC Part 203 or 40 CFR 52.21 ("Title I provisions") and incorporated into this permit pursuant to both Section 39.5 and Title I provisions. Notwithstanding the expiration date on the first page of this permit, the Title I conditions remain in effect pursuant to Title I provisions until the Illinois EPA deletes or revises them in accordance with Title I procedures.

9.0 STANDARD PERMIT CONDITIONS

9.1 Effect of Permit

9.1.1 The issuance of this permit does not release the Permittee from compliance with State and Federal regulations which are part of the Illinois State Implementation Plan, as well as with other applicable statutes and regulations of the United States or the State of Illinois or applicable ordinances, except as specifically stated in this permit and as allowed by law and rule [Section 39.5(7)(j)(iv) of the Act].

9.1.2 In particular, this permit does not alter or affect the following:

- a. The provisions of Section 303 (emergency powers) of the CAA, including USEPA's authority under that Section;
- b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
- c. The applicable requirements of the acid rain program consistent with Section 408(a) of the CAA; and
- d. The ability of USEPA to obtain information from a source pursuant to Section 114 (inspections, monitoring, and entry) of the CAA.

9.1.3 Notwithstanding the conditions of this permit specifying compliance practices for applicable requirements, any person (including the Permittee) may also use other credible evidence to establish compliance or noncompliance with applicable requirements.

9.2 General Obligations of Permittee

9.2.1 Duty to Comply

The Permittee must comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the CAA and the Act, and is grounds for any or all of the following: enforcement action, permit termination, revocation and reissuance, modification, or denial of a permit renewal application [Section 39.5(7)(o)(i) of the Act].

The Permittee shall meet applicable requirements that become effective during the permit term in a timely manner unless an alternate schedule for compliance with the applicable requirement is established.

9.2.2 Duty to Maintain Equipment

The Permittee shall maintain all equipment covered under this permit in such a manner that the performance or operation of such equipment shall not cause a violation of applicable requirements.

9.2.3 Duty to Cease Operation

No person shall cause, threaten or allow the continued operation of any emission unit during malfunction or breakdown of the emission unit or related air pollution control equipment if such operation would cause a violation of an applicable emission standard, regulatory requirement, ambient air quality standard or permit limitation unless such malfunction or breakdown is allowed by a permit condition [Section 39.5(6)(c) of the Act].

9.2.4 Disposal Operations

The source shall be operated in such a manner that the disposal of air contaminants collected by the equipment operations, or activities shall not cause a violation of the Act or regulations promulgated thereunder.

9.2.5 Duty to Pay Fees

The Permittee must pay fees to the Illinois EPA consistent with the fee schedule approved pursuant to Section 39.5(18) of the Act, and submit any information relevant thereto [Section 39.5(7)(o)(vi) of the Act]. The check should be payable to "Treasurer, State of Illinois" and sent to: Fiscal Services Section, Illinois Environmental Protection Agency, P.O. Box 19276, Springfield, Illinois 62794-9276.

9.3 Obligation to Allow Illinois EPA Surveillance

Upon presentation of proper credentials and other documents, the Permittee shall allow the Illinois EPA, or an authorized representative to perform the following [Section 39.5(7)(a) and (p)(ii) of the Act and 415 ILCS 5/4]:

- a. Enter upon the Permittee's premises where an actual or potential emission unit is located; where any regulated equipment, operation, or activity is located or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect during hours of operation any sources, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- d. Sample or monitor any substances or parameters at any location:

- i. At reasonable times, for the purposes of assuring permit compliance; or
 - ii. As otherwise authorized by the CAA, or the Act.
- e. Obtain and remove samples of any discharge or emission of pollutants authorized by this permit; and
- f. Enter and utilize any photographic, recording, testing, monitoring, or other equipment for the purposes of preserving, testing, monitoring, or recording any activity, discharge or emission at the source authorized by this permit.

9.4 Obligation to Comply With Other Requirements

The issuance of this permit does not release the Permittee from applicable State and Federal laws and regulations, and applicable local ordinances addressing subjects other than air pollution control.

9.5 Liability

9.5.1 Title

This permit shall not be considered as in any manner affecting the title of the premises upon which the permitted source is located.

9.5.2 Liability of Permittee

This permit does not release the Permittee from any liability for damage to person or property caused by or resulting from the construction, maintenance, or operation of the sources.

9.5.3 Structural Stability

This permit does not take into consideration or attest to the structural stability of any unit or part of the source.

9.5.4 Illinois EPA Liability

This permit in no manner implies or suggests that the Illinois EPA (or its officers, agents or employees) assumes any liability, directly or indirectly, for any loss due to damage, installation, maintenance, or operation of the source.

9.5.5 Property Rights

This permit does not convey any property rights of any sort, or any exclusive privilege [Section 39.5(7) (o) (iv) of the Act].

9.6 Recordkeeping

9.6.1 Control Equipment Maintenance Records

A maintenance record shall be kept on the premises for each item of air pollution control equipment. As a minimum, this record shall show the dates of performance and nature of preventative maintenance activities.

9.6.2 Records of Changes in Operation

A record shall be kept describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under this permit, and the emissions resulting from those changes [Section 39.5(12)(b)(iv) of the Act].

9.6.3 Retention of Records

- a. Records of all monitoring data and support information shall be retained for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit [Section 39.5(7)(e)(ii) of the Act].
- b. Other records required by this permit shall be retained for a period of at least 5 years from the date of entry unless a longer period is specified by a particular permit provision.

9.7 Annual Emissions Report

The Permittee shall submit an annual emissions report to the Illinois EPA, Compliance Section no later than May 1 of the following year, as required by 35 IAC Part 254.

9.8 Requirements for Compliance Certification

Pursuant to Section 39.5(7)(p)(v) of the Act, the Permittee shall submit annual compliance certifications. The compliance certifications shall be submitted no later than May 1 or more frequently as specified in the applicable requirements or by permit condition. The compliance certifications shall be submitted to the Air Compliance Section, Air Regional Field Office, and USEPA Region 5 - Air Branch. The addresses for the submittal of the compliance certifications are provided in Condition 8.6.4 of this permit.

- a. The certification shall include the identification of each term or condition of this permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, both

currently and over the reporting period consistent with the conditions of this permit.

- b. All compliance certifications shall be submitted to USEPA Region 5 in Chicago as well as to the Illinois EPA.
- c. All compliance reports required to be submitted shall include a certification in accordance with Condition 9.9.

9.9 Certification

Any document (including reports) required to be submitted by this permit shall contain a certification by a responsible official of the Permittee that meets the requirements of Section 39.5(5) of the Act [Section 39.5(7) (p) (i) of the Act]. An example Certification by a Responsible Official is included as an attachment to this permit.

9.10 Defense to Enforcement Actions

9.10.1 Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit [Section 39.5(7) (o) (ii) of the Act].

9.10.2 Emergency Provision

- a. An emergency shall be an affirmative defense to an action brought for noncompliance with the technology-based emission limitations under this permit if the following conditions are met through properly signed, contemporaneous operating logs, or other relevant evidence:
 - i. An emergency occurred as provided in Section 39.5(7) (k) of the Act and the Permittee can identify the cause(s) of the emergency. Normally, an act of God such as lightning or flood is considered an emergency;
 - ii. The permitted source was at the time being properly operated;
 - iii. The Permittee submitted notice of the emergency to the Illinois EPA within two working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a detailed description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - iv. During the period of the emergency the Permittee took all reasonable steps to minimize levels of

emissions that exceeded the emission limitations, standards, or regulations in this permit.

- b. This provision is in addition to any emergency or upset provision contained in any applicable requirement. This provision does not relieve a Permittee of any reporting obligations under existing federal or state laws or regulations.

9.11 Permanent Shutdown

This permit only covers emission units and control equipment while physically present at the indicated source location(s). Unless this permit specifically provides for equipment relocation, this permit is void for the operation or activity of any item of equipment on the date it is removed from the permitted location(s) or permanently shut down. This permit expires if all equipment is removed from the permitted location(s), notwithstanding the expiration date specified on this permit.

9.12 Reopening and Reissuing Permit for Cause

9.12.1 Permit Actions

This permit may be modified, reopened, and reissued, for cause pursuant to Section 39.5(15) of the Act. The filing of a request by the Permittee for a permit modification, revocation, and reissuance, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition [Section 39.5(7)(o)(iii) of the Act].

9.12.2 Reopening and Revision

This permit must be reopened and revised if any of the following occur [Section 39.5(15)(a) of the Act]:

- a. Additional requirements become applicable to the equipment covered by this permit and three or more years remain before expiration of this permit;
- b. Additional requirements become applicable to an affected source for acid deposition under the acid rain program;
- c. The Illinois EPA or USEPA determines that this permit contains a material mistake or inaccurate statement when establishing the emission standards or limitations, or other terms or conditions of this permit; and
- d. The Illinois EPA or USEPA determines that this permit must be revised to ensure compliance with the applicable requirements of the Act.

9.12.3 Inaccurate Application

The Illinois EPA has issued this permit based upon the information submitted by the Permittee in the permit application. Any misinformation, false statement or misrepresentation in the application shall be grounds for revocation under Section 39.5(15)(b) of the Act.

9.12.4 Duty to Provide Information

The Permittee shall furnish to the Illinois EPA, within a reasonable time specified by the Illinois EPA any information that the Illinois EPA may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. Upon request, the Permittee shall also furnish to the Illinois EPA copies of records required to be kept by this permit, or for information claimed to be confidential, the Permittee may furnish such records directly to USEPA along with a claim of confidentiality [Section 39.5(7)(o)(v) of the Act].

9.13 Severability Clause

The provisions of this permit are severable, and should any one or more be determined to be illegal or unenforceable, the validity of the other provisions shall not be affected. The rights and obligations of the Permittee shall be construed and enforced as if this permit did not contain the particular provisions held to be invalid and the applicable requirements underlying these provisions shall remain in force [Section 39.5(7)(i) of the Act].

9.14 Permit Expiration and Renewal

The right to operate terminates on the expiration date unless the Permittee has submitted a timely and complete renewal application. For a renewal to be timely it must be submitted no later than 9 and no sooner than 12 months prior to expiration. The equipment may continue to operate during the renewal period until final action is taken by the Illinois EPA, in accordance with the original permit conditions [Section 39.5(5)(l), (n), and (o) of the Act].

10.0 ATTACHMENTS

10.1 Attachment 1 Emissions of Particulate Matter from New Process Emission Units

35 IAC 212.321 - Process Emission Units for Which Construction or Modification Commenced On or After April 14, 1972

- a. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any new process emission unit, either alone or in combination with the emission of particulate matter from all other similar process emission units for which construction or modification commenced on or after April 14, 1972, at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.321 [35 IAC 212.321(a)].
- b. Interpolated and extrapolated values of the data in subsection (c) of 35 IAC 212.321 shall be determined by using the equation [35 IAC 212.321(b)]:

$$E = A(P)^B$$

where:

P = Process weight rate; and
E = Allowable emission rate; and,

- i. Up to process weight rates of 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	1.214	2.54
B	0.534	0.534

- ii. For process weight rate greater than or equal to 408 Mg/hr (450 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	11.42	24.8
B	0.16	0.16

- c. Limits for Process Emission Units For Which Construction or Modification Commenced On or After April 19, 1972 [35 IAC 212.321(c)]:

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lb/hr
0.05	0.25	0.05	0.55
0.1	0.29	0.10	0.77

0.2	0.42	0.2	1.10
0.3	0.64	0.30	1.35
0.4	0.74	0.40	1.58
0.5	0.84	0.50	1.75
0.7	1.00	0.75	2.40
0.9	1.15	1.00	2.60
1.8	1.66	2.00	3.70
2.7	2.1	3.00	4.60
3.6	2.4	4.00	5.35
4.5	2.7	5.00	6.00
9.0	3.9	10.00	8.70
13.0	4.8	15.00	10.80
18.0	5.7	20.00	12.50
23.0	6.5	25.00	14.00
27.0	7.1	30.00	15.60
32.0	7.7	35.00	17.00
36.0	8.2	40.00	18.20
41.0	8.8	45.00	19.20
45.0	9.3	50.00	20.50
90.0	13.4	100.00	29.50
140.0	17.0	150.00	37.00
180.0	19.4	200.00	43.00
230.0	22.0	250.00	48.50
270.0	24.0	300.00	53.00
320.0	26.0	350.00	58.00
360.0	28.0	400.00	62.00
408.0	30.1	450.00	66.00
454.0	30.4	500.00	67.00

10.2 Attachment 2 Emissions of Particulate Matter from Existing Process Emission Units

35 IAC 212.322 - Process Emission Units for Which Construction or Modification Commenced Prior to April 14, 1972

- a. No person shall cause or allow the emission of particulate matter into the atmosphere in any one hour period from any process emission unit for which construction or modification commenced prior to April 14, 1972, which, either alone or in combination with the emission of particulate matter from all other similar process emission at a source or premises, exceeds the allowable emission rates specified in subsection (c) of 35 IAC 212.322 [35 IAC 212.322(a)].
- b. Interpolated and extrapolated values of the data in subsection (c) of 35 IAC 212.321 shall be determined by using the equation [35 IAC 212.322(b)]:

$$E = C + A(P)^B$$

where:

P = Process weight rate; and
E = Allowable emission rate; and,

- i. Up to process weight rates up to 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	1.985	4.10
B	0.67	0.67
C	0	0

- ii. For process weight rate in excess of 27.2 Mg/hr (30 T/hr):

	Metric	English
P	Mg/hr	T/hr
E	kg/hr	lb/hr
A	25.21	55.0
B	0.11	0.11
C	-18.4	-40.0

- c. Limits for Process Emission Units For Which Construction or Modification Commenced Prior to April 14, 1972 [35 IAC 212.322(c)]:

Metric		English	
P	E	P	E
Mg/hr	kg/hr	T/hr	lb/hr
0.05	0.27	0.05	0.55
0.1	0.42	0.10	0.87
0.2	0.68	0.2	1.40
0.3	0.89	0.30	1.83
0.4	1.07	0.40	2.22

0.5	1.25	0.50	2.58
0.7	1.56	0.75	3.38
0.9	1.85	1.00	4.10
1.8	2.9	2.00	6.52
2.7	3.9	3.00	8.56
3.6	4.7	4.00	10.40
4.5	5.4	5.00	12.00
9.0	8.7	10.00	19.20
13.0	11.1	15.00	25.20
18.0	13.8	20.00	30.50
23.0	16.2	25.00	35.40
27.2	18.15	30.00	40.00
32.0	18.8	35.00	41.30
36.0	19.3	40.00	42.50
41.0	19.8	45.00	43.60
45.0	20.2	50.00	44.60
90.0	23.2	100.00	51.20
140.0	25.3	150.00	55.40
180.0	26.5	200.00	58.60
230.0	27.7	250.00	61.00
270.0	28.5	300.00	63.10
320.0	29.4	350.00	64.90
360.0	30.0	400.00	66.20
400.0	30.6	450.00	67.70
454.0	31.3	500.00	69.00

10.3 Attachment 3 Example Certification by a Responsible Official

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature: _____

Name: _____

Official Title: _____

Telephone No.: _____

Date Signed: _____

10.4 Attachment 4 Guidance

The Illinois has prepared guidance for sources on the Clean Air Act Permit Program (CAAPP) that is available on the Internet site maintained by the Illinois EPA, www.epa.state.il.us. This guidance includes instructions on applying for a revision or renewal of the CAAPP permit.

Guidance On Revising A CAAPP Permit:

www.epa.state.il.us/air/caapp/caapp-revising.pdf

Guidance On Renewing A CAAPP Permit:

www.epa.state.il.us/air/caapp/caapp-renewing.pdf

The application forms prepared by the Illinois EPA for the CAAPP are also available from the Illinois EPA's Internet site:

www.epa.state.il.us/air/caapp/index.html

These CAAPP application forms should also be used by a CAAPP source when it applies for a construction permit. For this purpose, the appropriate CAAPP application forms and other supporting information, should be accompanied by a completed Application For A Construction Permit Form (CAAPP Form-199).

Application For A Construction Permit Form (CAAPP Form-199):

www.epa.state.il.us/air/caapp/199-caapp.pdf